

# 2019 My Performance Plan for Korina Han Lim

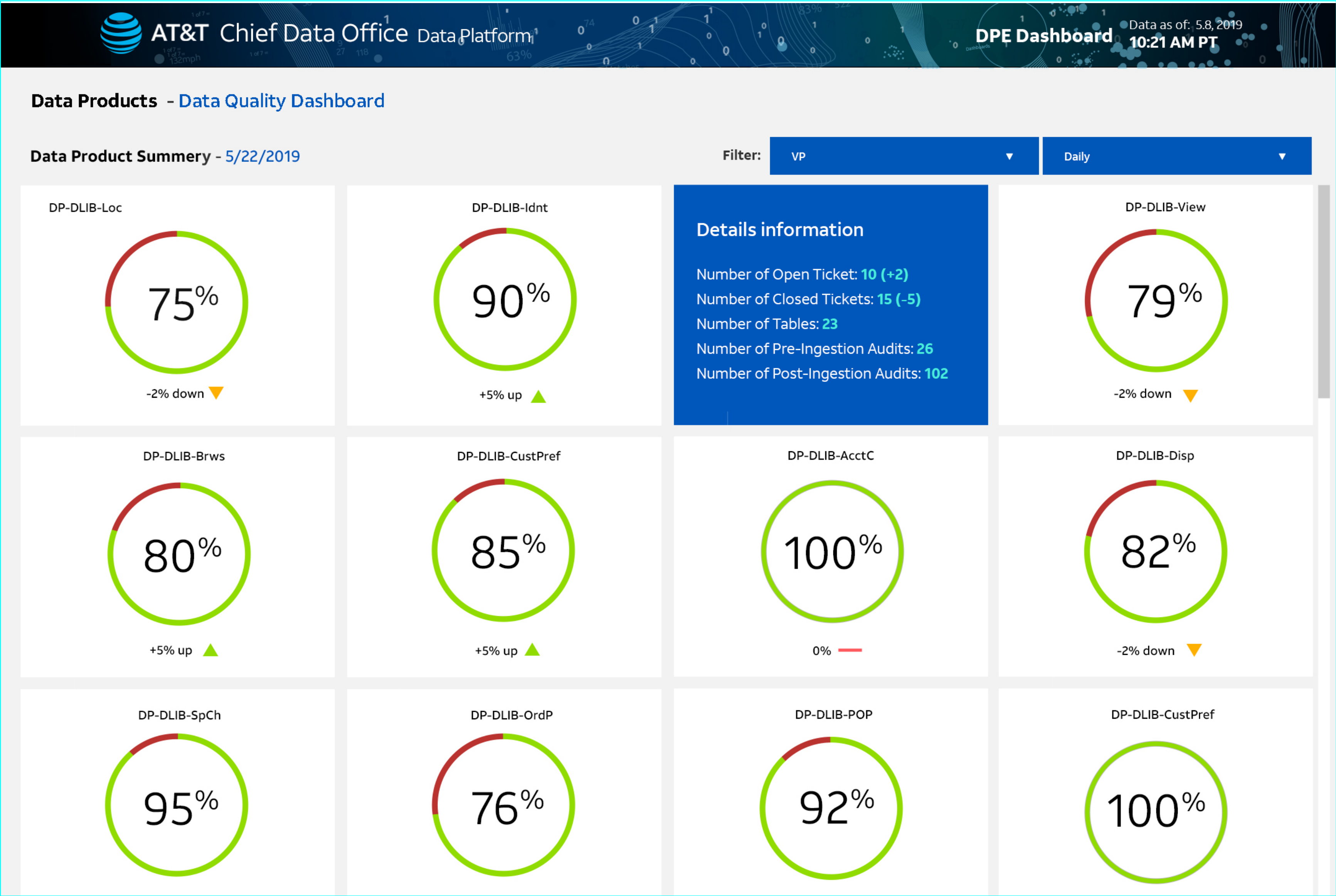
E2E DQ Dashboard Wireframes and UI  
Implementation to helping out to put together  
the Dashboard in PowerBI

04/17/2019-11/15/2019

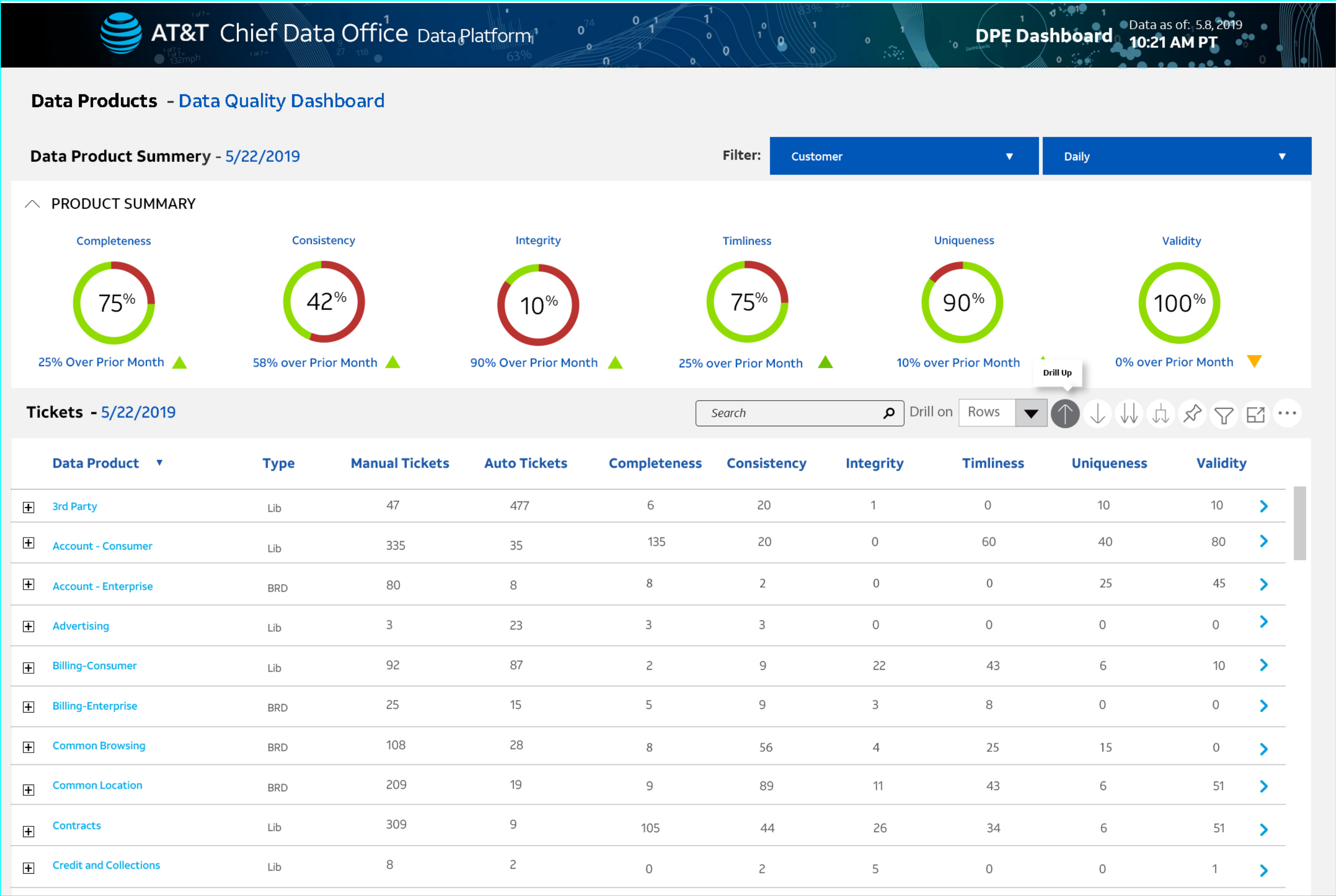


Wireframes PowerBI User  
Expereince/

Included User Interface for  
Look and feel of AT&T design

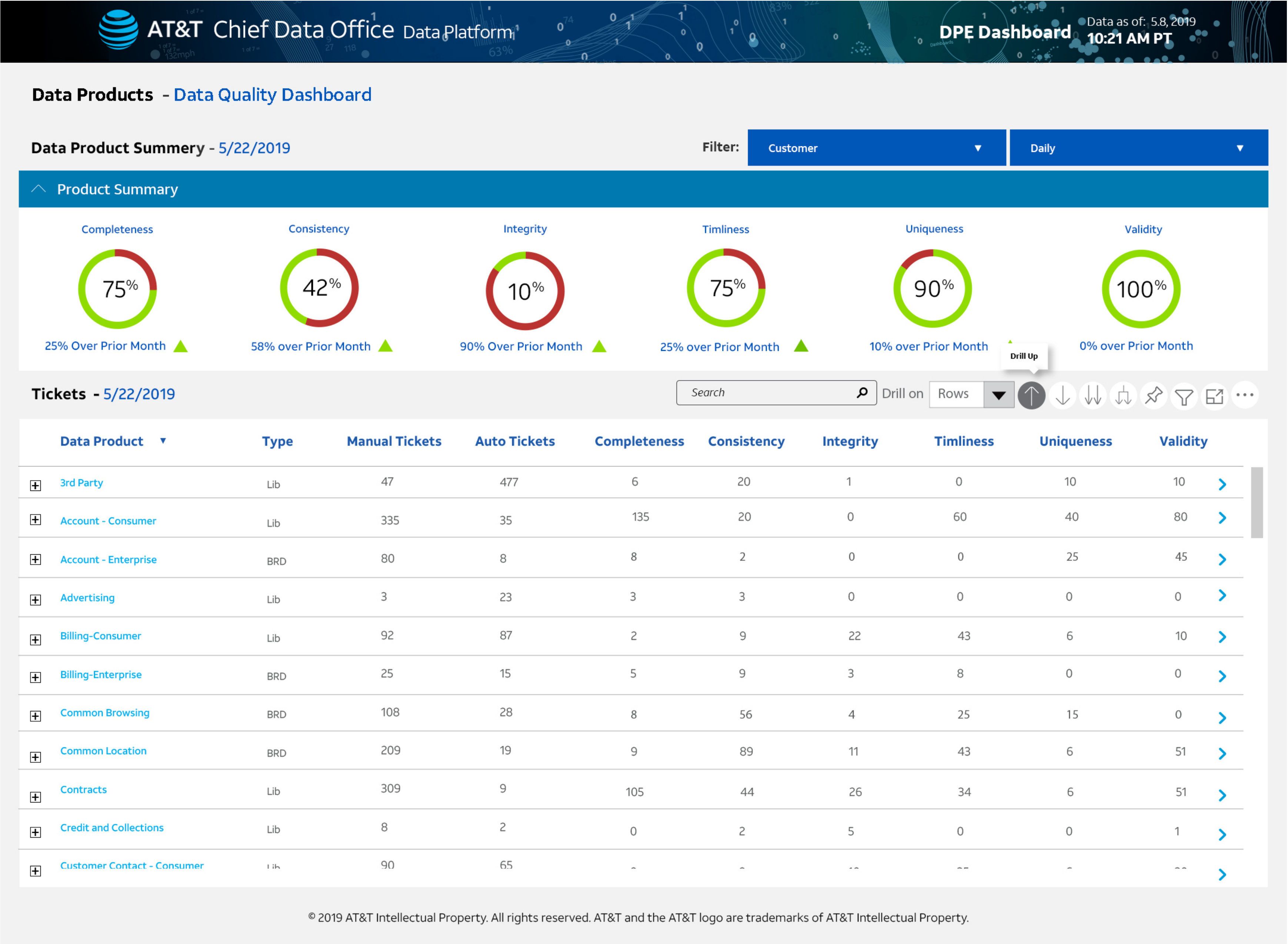


Drill up





Design 2







Data Products - Data Quality Dashboard

Data Product Summery - 5/22/2019

Filter: Customer Daily

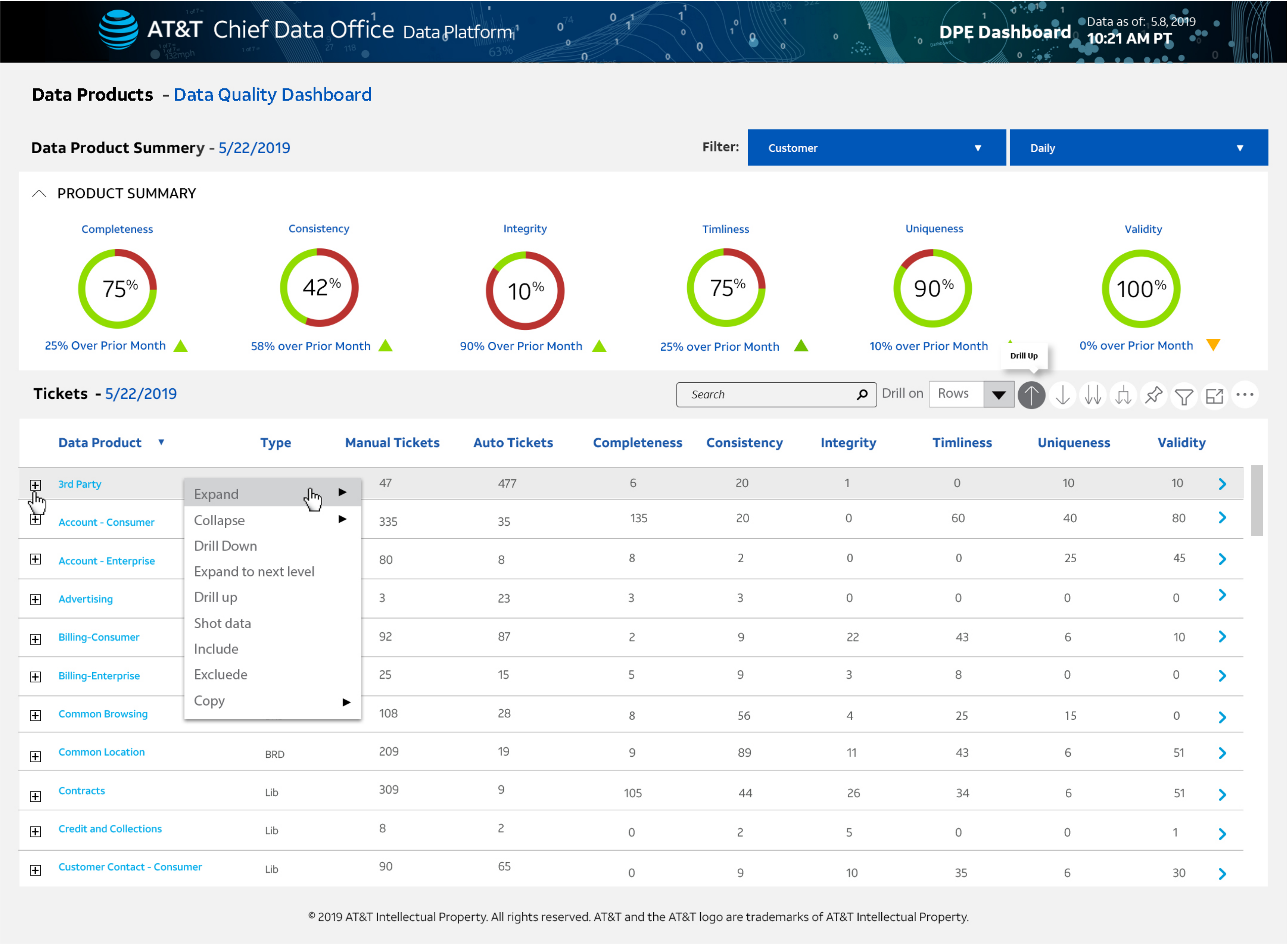
Product Summary

Tickets - 5/22/2019

Search Drill on Rows

| Data Product                  | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timliness | Uniqueness | Validity |
|-------------------------------|------|----------------|--------------|--------------|-------------|-----------|-----------|------------|----------|
| 3rd Party                     | Lib  | 47             | 477          | 6            | 20          | 1         | 0         | 10         | 10       |
| Account - Consumer            | Lib  | 335            | 35           | 135          | 20          | 0         | 60        | 40         | 80       |
| Account - Enterprise          | BRD  | 80             | 8            | 8            | 2           | 0         | 0         | 25         | 45       |
| Advertising                   | Lib  | 3              | 23           | 3            | 3           | 0         | 0         | 0          | 0        |
| Billing-Consumer              | Lib  | 92             | 87           | 2            | 9           | 22        | 43        | 6          | 10       |
| Billing-Enterprise            | BRD  | 25             | 15           | 5            | 9           | 3         | 8         | 0          | 0        |
| Common Browsing               | BRD  | 108            | 28           | 8            | 56          | 4         | 25        | 15         | 0        |
| Common Location               | BRD  | 209            | 19           | 9            | 89          | 11        | 43        | 6          | 51       |
| Contracts                     | Lib  | 309            | 9            | 105          | 44          | 26        | 34        | 6          | 51       |
| Credit and Collections        | Lib  | 8              | 2            | 0            | 2           | 5         | 0         | 0          | 1        |
| Customer Contact - Consumer   | Lib  | 90             | 65           | 0            | 9           | 10        | 35        | 6          | 30       |
| Customer Contact - Enterprise | BRD  | 10             | 100          | 135          | 20          | 0         | 60        | 40         | 80       |
| Customer Preference           | Lib  | 29             | 21           | 5            | 9           | 3         | 8         | 0          | 0        |
| Dispatch                      | Lib  | 30             | 3            | 8            | 56          | 4         | 25        | 15         | 0        |
| Finance                       | BRD  | 45             | 45           | 9            | 89          | 11        | 43        | 6          | 51       |

Expand in  
two way







Data Products - Data Quality Dashboard

Data Product Summery - 5/22/2019

Filter:

Customer

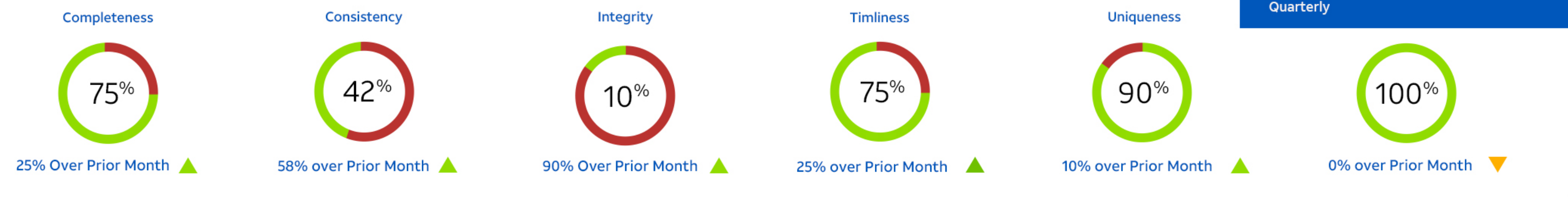
Daily

Vp

Monthly

Quarterly

Product Summary



Tickets - 5/22/2019

Search

Drill on

Rows

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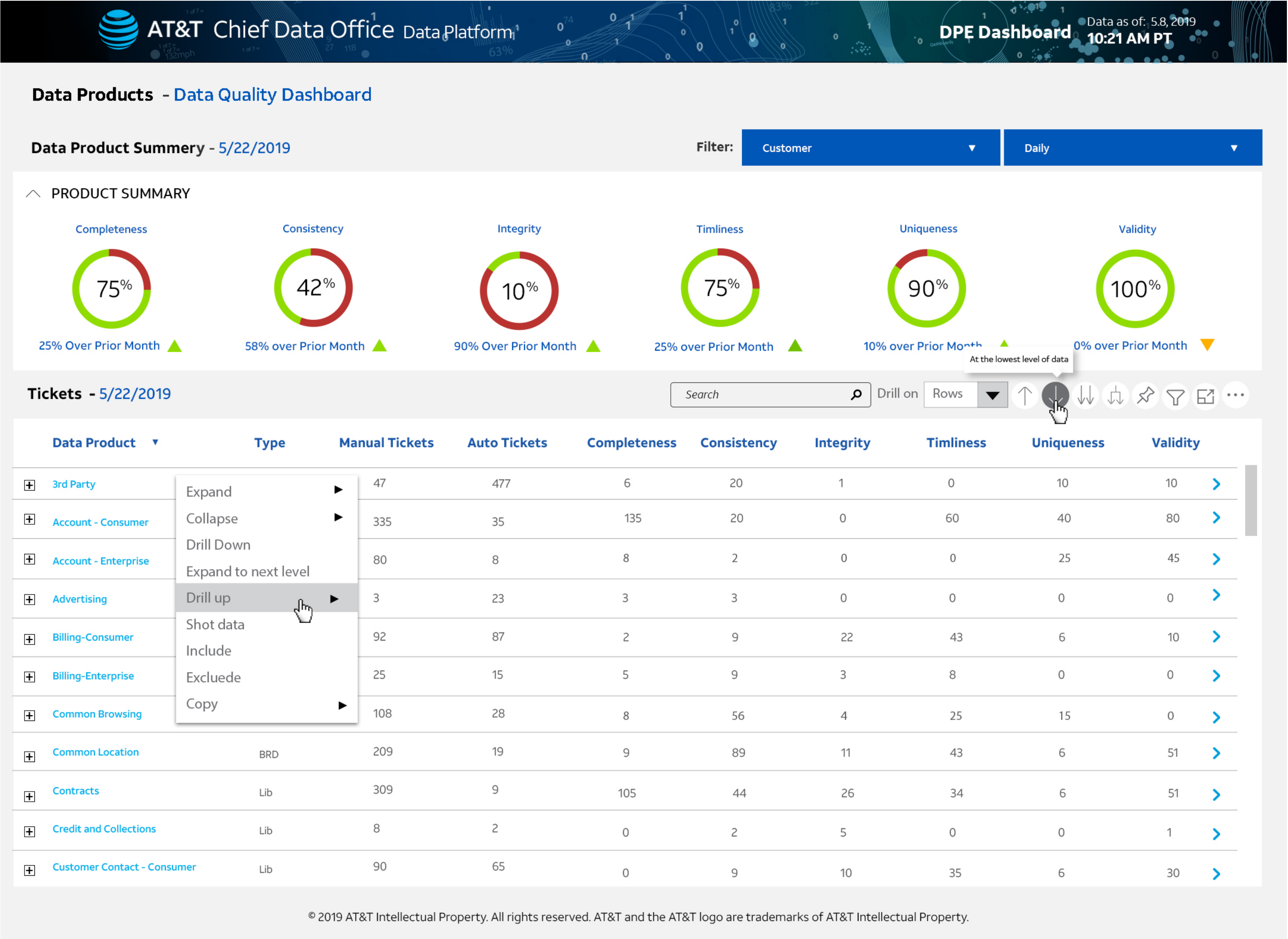
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⋮

| Data Product  |                               | Type                      | Manual Tickets           | Auto Tickets            | Completeness            | Consistency            | Integrity             | Timliness | Uniqueness | Validity    |             |             |
|---|-------------------------------|---------------------------|--------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------|------------|-------------|-------------|-------------|
| <div><div></div><div>3rd Party</div></div>  | Lib                           | 47                        | 477                      | 6                       | 20                      | 1                      | 0                     | 10        | 10         | <div></div> |             |             |
| <div>ALL</div> <div>DM</div> <div>QDM</div> <div>Pre-ingestion</div> <div>Owner : ATTUID</div> <div># Controls : 123</div> <div># Tables : 10</div> <div># DM Audits : 15</div> <div># Audits : 234</div> <div>#Anomalies : 2</div> | <div>• Tickets Severity</div> | <div>• Completeness</div> | <div>• Consistency</div> | <div>• Timeliness</div> | <div>• Uniqueness</div> | <div>• Integrity</div> | <div>• Validity</div> |           |            |             |             |             |
|   | 1                             | 3                         | 0                        | 0                       | 0                       | 0                      | 0                     |           |            |             |             |             |
|   | 2                             | 5                         | 3                        | 3                       | 3                       | 3                      | 3                     |           |            |             |             |             |
|   | 3                             | 3                         | 0                        | 0                       | 0                       | 0                      | 0                     |           |            |             |             |             |
|   | 2                             | 5                         | 3                        | 3                       | 3                       | 3                      | 3                     |           |            |             |             |             |
|   | 3                             | 0                         | 0                        | 0                       | 0                       | 0                      | 0                     |           |            |             |             |             |
|   | <div>• Tickets Severity</div> | <div>• Completeness</div> | <div>• Consistency</div> | <div>• Timeliness</div> | <div>• Uniqueness</div> | <div>• Integrity</div> | <div>• Validity</div> |           |            |             |             |             |
|   | 1                             | 3                         | 0                        | 0                       | 0                       | 0                      | 0                     |           |            |             |             |             |
|   | 2                             | 5                         | 3                        | 3                       | 3                       | 3                      | 3                     |           |            |             |             |             |
|   | 3                             | 3                         | 0                        | 0                       | 0                       | 0                      | 0                     |           |            |             |             |             |
|   | 2                             | 5                         | 3                        | 3                       | 3                       | 3                      | 3                     |           |            |             |             |             |
|   | 3                             | 0                         | 0                        | 0                       | 0                       | 0                      | 0                     |           |            |             |             |             |
|   | Contracts                     |                           | Lib                      | 309                     | 9                       | 105                    | 44                    | 26        | 34         | 6           | 51          | <div></div> |
|   | Credit and Collections        |                           | Lib                      | 8                       | 2                       | 0                      | 2                     | 5         | 0          | 0           | 1           | <div></div> |
| Customer Contact - Consumer   |                               | Lib                       | 90                       | 65                      | 0                       | 9                      | 10                    | 35        | 6          | 30          | <div></div> |             |



Drill down  
in two way



## Daily

### Validity

0% over Prior Month 

Focus mode

## Rows



...

## Validity

10

Search:

All

## Post Ingestion

## Post Ingestion

## Post Ingestion

Post Ingestion

Post Ingestion

Post Ingestion

Post Ingestion

Post Ingestion

Post Ingestion

30







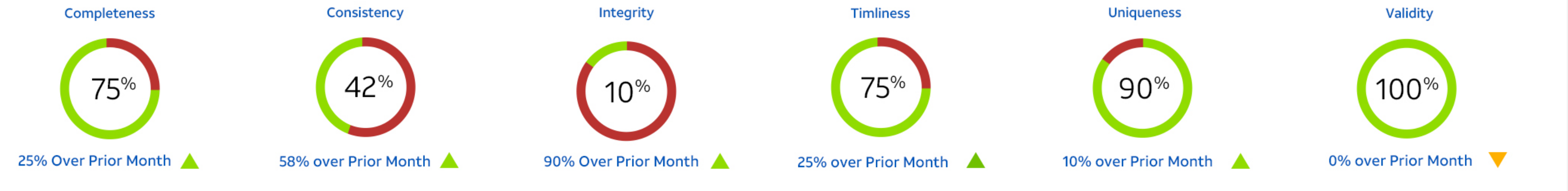


Data Products - Data Quality Dashboard

Data Product Summery - 5/22/2019

Filter: Customer Daily

PRODUCT SUMMARY




Tickets - 5/22/2019

Search Drill on Rows

| Data Product           | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timliness | Uniqueness | Validity |
|------------------------|------|----------------|--------------|--------------|-------------|-----------|-----------|------------|----------|
| 3rd Party              | Lib  | 47             | 477          | 6            | 20          | 1         | 0         | 10         |          |
| Account - Consumer     | Lib  | 335            | 35           | 135          | 20          | 0         | 60        | 40         |          |
| Account - Enterprise   | BRD  | 80             | 8            | 8            | 2           | 0         | 0         | 25         |          |
| Advertising            | Lib  | 3              | 23           | 3            | 3           | 0         | 0         | 0          |          |
| Billing-Consumer       | Lib  | 92             | 87           | 2            | 9           | 22        | 43        | 6          | 10       |
| Billing-Enterprise     | BRD  | 25             | 15           | 5            | 9           | 3         | 8         | 0          | 0        |
| Common Browsing        | BRD  | 108            | 28           | 8            | 56          | 4         | 25        | 15         | 0        |
| Common Location        | BRD  | 209            | 19           | 9            | 89          | 11        | 43        | 6          | 51       |
| Contracts              | Lib  | 309            | 9            | 105          | 44          | 26        | 34        | 6          | 51       |
| Credit and Collections | Lib  | 8              | 2            | 0            | 2           | 5         | 0         | 0          | 1        |

- Add a Comment
- Export data
- Show Data
- Spotlight
- Sort descending
- Sort ascending
- Sortby

show data

 **AT&T** Chief Data Office Data Platform

DPE Dashboard Data as of: 5.8.2019 10:21 AM PT

Data Products - Data Quality Dashboard

< Back to report

| Data Product ▾ | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timeliness | Uniqueness | Validity |
|----------------|------|----------------|--------------|--------------|-------------|-----------|------------|------------|----------|
| 3rd Party      | Lib  | 47             | 477          | 6            | 20          | 1         | 0          | 10         | 10       |

Customer Preferences

The Customer Preferences Data Library references sources of choices made by AT&T customers regarding usage of their data for Analytics and/or Marketing purposes. It has preferences for Relevant Advertising; Enhanced Relevant Advertising; External Marketing & Analytics Reporting 'Anonymized' data; Do not Call/Text/Email/SMS; AT&T Messaging; and Customer Proprietary Network Information (CPNI).

Status :  
Version :  
Maturity Level :  
Size :  
Usage :  
Audits :  
Tickets :  
SLAs (8am CST) – met on 4/12/19

Delivered 3/31/2019

1.0

ML1

19TB (eCDW Vertica/ecDW Teradata/Datalake)

118 users/5475 queries in Feb-2019 (eCDW Vertica / ecDW Teradata)

84 Audits. 44 DLDM (44 Green / 0 RED), 41 QDM (41 Green / 0 RED)

Total - 4 tickets. In Last 24 hours – 0 tickets

| Table Name               | Abbreviated TABLE Description                    | SLA Met | Time Loaded       | SLA Met Past 100 days |
|--------------------------|--|---------|-------------------|-----------------------|
| cust_consnt_elctn_hist   | Customer Consent Elections                       | Y       | 4/12/2019 6:04    | 91/100                |
| era_details              | Enhanced Relevant Advertising Consent            | Y       | 4/12/2019 6:04    | 91/100                |
| cust_cpni_elctn_hist     | Customer CPNI Elections                          | Y       | 4/12/2019 6:04    | 91/100                |
| customer_match_....      | Customer Email preference confirmations          | Y       | 4/12/2019 4:02    | 99/100                |
| uverse_consent           | Uverse Customer Consent Choices                  | Y       | 20190412          |                       |
| dtv_consent              | DTV Customer Consent Choices                     | Y       | 20190412          |                       |
| tccc031_email_address... | List of latest Email Addresses                   | Y       | 4/12/2019 2:38 AM | 32/32                 |
| acct_cpni_hist           | Account-level information for each CPNI election | Y       | 4/11/2019 8:04 PM | 32/32                 |
| cpni_sync_hist           | Correlation between CPNI generated key...        | Y       | 4/11/2019 8:04 PM | 32/32                 |
| tccc034_cmpny...         | Email address with customer preference.          | Y       | 4/12/2019 2:46 AM | 32/32                 |
| mdncn_dnc                | Customer Billing Telephone number ...            | Y       | 4/11/2019 8:16 PM | 32/32                 |
| cust_consnt_elctn_hist   | Customer Consent Elections                       | Y       | 4/12/2019 6:04    | 91/100                |
| era_details              | Enhanced Relevant Advertising Consent            | Y       | 4/12/2019 6:04    | 91/100                |
| cust_cpni_elctn_hist     | Customer CPNI Elections                          | Y       | 4/12/2019 6:04    | 91/100                |
| customer_match_....      | Customer Email preference confirmations          | Y       | 4/12/2019 4:02    | 99/100                |

Note: This lists the critical tables on the library and their SLA. For complete listing of all the tables visit Wiki page.

Wiki: <https://wiki.web.att.com/display/DPDL/Customer+Preference+Data+Library>

Data360: [http://data360.web.att.com/data360/#/details/logical\\_data\\_product/31134591cc01e8489dae9a90067f345caa20748ef979a483b131a20011e19ef](http://data360.web.att.com/data360/#/details/logical_data_product/31134591cc01e8489dae9a90067f345caa20748ef979a483b131a20011e19ef)

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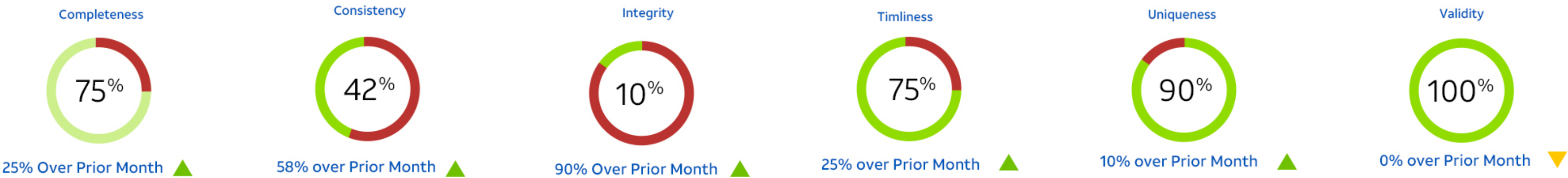


Data Products - Data Quality Dashboard

Data Product Summery - 5/22/2019

Filter: Customer Daily

Product Summary



Tickets - 5/22/2019

Search Drill on Rows

| Data Product ▼                | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timliness | Uniqueness | Validity |
|-------------------------------|------|----------------|--------------|--------------|-------------|-----------|-----------|------------|----------|
| + 3rd Party                   | Lib  | 47             | 477          | 6            |             |           |           |            | >        |
| + Account - Consumer          | Lib  | 335            | 35           | 135          |             |           |           |            | >        |
| + Account - Enterprise        | BRD  | 80             | 8            | 8            |             |           |           |            | >        |
| + Advertising                 | Lib  | 3              | 23           | 3            |             |           |           |            | >        |
| + Billing-Consumer            | Lib  | 92             | 87           | 2            |             |           |           |            | >        |
| + Billing-Enterprise          | BRD  | 25             | 15           | 5            |             |           |           |            | >        |
| + Common Browsing             | BRD  | 108            | 28           | 8            |             |           |           |            | >        |
| + Common Location             | BRD  | 209            | 19           | 9            |             |           |           |            | >        |
| + Contracts                   | Lib  | 309            | 9            | 105          |             |           |           |            | >        |
| + Credit and Collections      | Lib  | 8              | 2            | 0            |             |           |           |            | >        |
| + Customer Contact - Consumer | Lib  | 90             | 65           | 0            |             |           |           |            | >        |





Data Products - Data Quality Dashboard

Data Product Summery - 5/22/2019

Filter: Customer Daily

Product Summary



Tickets - 5/22/2019

Search Drill on Rows

| Data Product ▼                | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timliness | Uniqueness | Validity |
|-------------------------------|------|----------------|--------------|--------------|-------------|-----------|-----------|------------|----------|
| + 3rd Party                   | Lib  | 47             | 477          | 6            | 20          |           |           |            | >        |
| + Account - Consumer          | Lib  | 335            | 35           | 135          | 20          |           |           |            | >        |
| + Account - Enterprise        | BRD  | 80             | 8            | 8            | 2           |           |           |            | >        |
| + Advertising                 | Lib  | 3              | 23           | 3            | 3           |           |           |            | >        |
| + Billing-Consumer            | Lib  | 92             | 87           | 2            | 9           |           |           |            | >        |
| + Billing-Enterprise          | BRD  | 25             | 15           | 5            | 9           |           |           |            | >        |
| + Common Browsing             | BRD  | 108            | 28           | 8            | 56          |           |           |            | >        |
| + Common Location             | BRD  | 209            | 19           | 9            | 89          |           |           |            | >        |
| + Contracts                   | Lib  | 309            | 9            | 105          | 44          |           |           |            | >        |
| + Credit and Collections      | Lib  | 8              | 2            | 0            | 2           |           |           |            | >        |
| + Customer Contact - Consumer | Lib  | 90             | 65           | 0            | 9           |           |           |            | >        |



Data Products - Data Quality Dashboard

Data Product Summery - 5/22/2019

Filter: Customer Daily

Product Summary



Tickets - 5/22/2019

Search Drill on Rows

| Data Product                | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timliness | Uniqueness | Validity |
|-----------------------------|------|----------------|--------------|--------------|-------------|-----------|-----------|------------|----------|
| 3rd Party                   | Lib  | 47             | 477          | 6            | 20          | 1         |           |            |          |
| Account - Consumer          | Lib  | 335            | 35           | 135          | 20          | 0         |           |            |          |
| Account - Enterprise        | BRD  | 80             | 8            | 8            | 2           | 0         |           |            |          |
| Advertising                 | Lib  | 3              | 23           | 3            | 3           | 0         |           |            |          |
| Billing-Consumer            | Lib  | 92             | 87           | 2            | 9           | 22        |           |            |          |
| Billing-Enterprise          | BRD  | 25             | 15           | 5            | 9           | 3         |           |            |          |
| Common Browsing             | BRD  | 108            | 28           | 8            | 56          | 4         |           |            |          |
| Common Location             | BRD  | 209            | 19           | 9            | 89          | 11        |           |            |          |
| Contracts                   | Lib  | 309            | 9            | 105          | 44          | 26        |           |            |          |
| Credit and Collections      | Lib  | 8              | 2            | 0            | 2           | 5         |           |            |          |
| Customer Contact - Consumer | Lib  | 90             | 65           | 0            | 9           | 10        |           |            |          |





## Data Products - Data Quality Dashboard

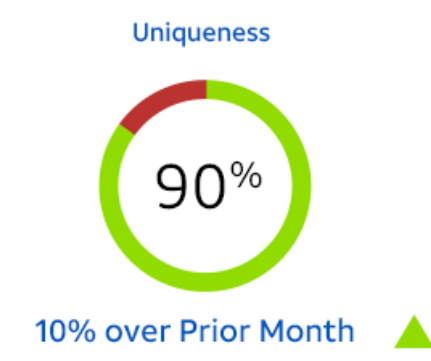
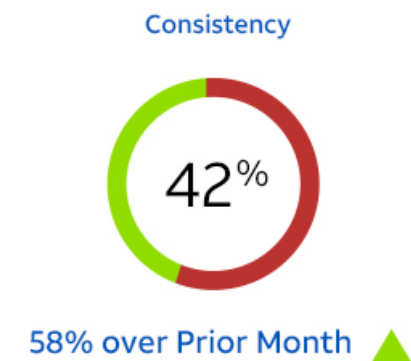
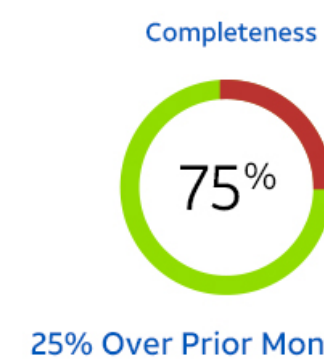
Data Product Summery - 5/22/2019

Filter:

Customer

Daily

### Product Summary



### Tickets - 5/22/2019

Search

Drill on

Rows



| Data Product                | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timliness | Uniqueness | Validity |
|-----------------------------|------|----------------|--------------|--------------|-------------|-----------|-----------|------------|----------|
| 3rd Party                   | Lib  | 47             | 477          | 6            | 20          | 1         | 0         |            |          |
| Account - Consumer          | Lib  | 335            | 35           | 135          | 20          | 0         | 60        |            |          |
| Account - Enterprise        | BRD  | 80             | 8            | 8            | 2           | 0         | 0         |            |          |
| Advertising                 | Lib  | 3              | 23           | 3            | 3           | 0         | 0         |            |          |
| Billing-Consumer            | Lib  | 92             | 87           | 2            | 9           | 22        | 43        |            |          |
| Billing-Enterprise          | BRD  | 25             | 15           | 5            | 9           | 3         | 8         |            |          |
| Common Browsing             | BRD  | 108            | 28           | 8            | 56          | 4         | 25        |            |          |
| Common Location             | BRD  | 209            | 19           | 9            | 89          | 11        | 43        |            |          |
| Contracts                   | Lib  | 309            | 9            | 105          | 44          | 26        | 34        |            |          |
| Credit and Collections      | Lib  | 8              | 2            | 0            | 2           | 5         | 0         |            |          |
| Customer Contact - Consumer | Lib  | 90             | 65           | 0            | 9           | 10        | 35        |            |          |

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Data Products - Data Quality Dashboard

Data Product Summery - 5/22/2019

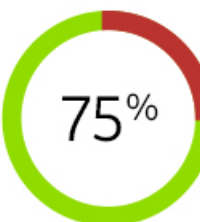
Filter:

Customer

Daily

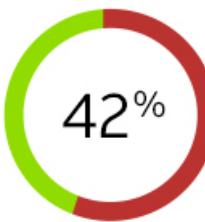
Product Summary

Completeness



25% Over Prior Month ▲

Consistency



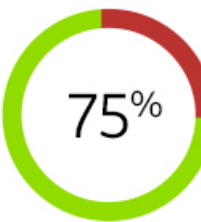
58% over Prior Month ▲

Integrity



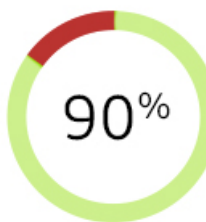
90% Over Prior Month ▲

Timliness



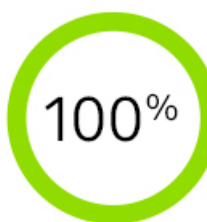
25% over Prior Month ▲

Uniqueness



10% over Prior Month ▲

Validity



0% over Prior Month ▼

Tickets - 5/22/2019

Search

Drill on

Rows



| Data Product ▼                | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timliness | Uniqueness | Validity |
|-------------------------------|------|----------------|--------------|--------------|-------------|-----------|-----------|------------|----------|
| + 3rd Party                   | Lib  | 47             | 477          | 6            | 20          | 1         | 0         | 10         | >        |
| + Account - Consumer          | Lib  | 335            | 35           | 135          | 20          | 0         | 60        | 40         | >        |
| + Account - Enterprise        | BRD  | 80             | 8            | 8            | 2           | 0         | 0         | 25         | >        |
| + Advertising                 | Lib  | 3              | 23           | 3            | 3           | 0         | 0         | 0          | >        |
| + Billing-Consumer            | Lib  | 92             | 87           | 2            | 9           | 22        | 43        | 6          | >        |
| + Billing-Enterprise          | BRD  | 25             | 15           | 5            | 9           | 3         | 8         | 0          | >        |
| + Common Browsing             | BRD  | 108            | 28           | 8            | 56          | 4         | 25        | 15         | >        |
| + Common Location             | BRD  | 209            | 19           | 9            | 89          | 11        | 43        | 6          | >        |
| + Contracts                   | Lib  | 309            | 9            | 105          | 44          | 26        | 34        | 6          | >        |
| + Credit and Collections      | Lib  | 8              | 2            | 0            | 2           | 5         | 0         | 0          | >        |
| + Customer Contact - Consumer | Lib  | 90             | 65           | 0            | 9           | 10        | 35        | 6          | >        |



Data Products - Data Quality Dashboard

Data Product Summery - 5/22/2019

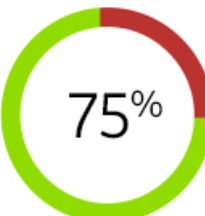
Filter:

Customer

Daily

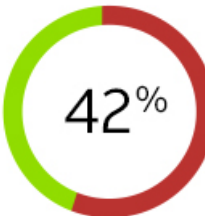
Product Summary

Completeness



25% Over Prior Month ▲

Consistency



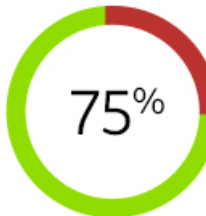
58% over Prior Month ▲

Integrity



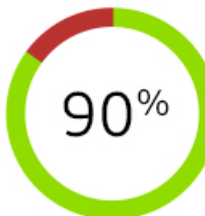
90% Over Prior Month ▲

Timliness



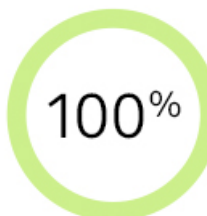
25% over Prior Month ▲

Uniqueness



10% over Prior Month ▲

Validity



0% over Prior Month

Tickets - 5/22/2019

Search



Drill on

Rows



| Data Product                | Type | Manual Tickets | Auto Tickets | Completeness | Consistency | Integrity | Timliness | Uniqueness | Validity |
|-----------------------------|------|----------------|--------------|--------------|-------------|-----------|-----------|------------|----------|
| 3rd Party                   | Lib  | 47             | 477          | 6            | 20          | 1         | 0         | 10         | 10       |
| Account - Consumer          | Lib  | 335            | 35           | 135          | 20          | 0         | 60        | 40         | 80       |
| Account - Enterprise        | BRD  | 80             | 8            | 8            | 2           | 0         | 0         | 25         | 45       |
| Advertising                 | Lib  | 3              | 23           | 3            | 3           | 0         | 0         | 0          | 0        |
| Billing-Consumer            | Lib  | 92             | 87           | 2            | 9           | 22        | 43        | 6          | 10       |
| Billing-Enterprise          | BRD  | 25             | 15           | 5            | 9           | 3         | 8         | 0          | 0        |
| Common Browsing             | BRD  | 108            | 28           | 8            | 56          | 4         | 25        | 15         | 0        |
| Common Location             | BRD  | 209            | 19           | 9            | 89          | 11        | 43        | 6          | 51       |
| Contracts                   | Lib  | 309            | 9            | 105          | 44          | 26        | 34        | 6          | 51       |
| Credit and Collections      | Lib  | 8              | 2            | 0            | 2           | 5         | 0         | 0          | 1        |
| Customer Contact - Consumer | Lib  | 90             | 65           | 0            | 9           | 10        | 35        | 6          | 30       |



# Data Quailty Dashboard

End to End View


DPE View


Big Data Ingest Profiler







 | Data Quality E2E Dashboard



FILTER

Data Product Summary

Data Router

DL Ingestion

NiFi

Post-Ingestion

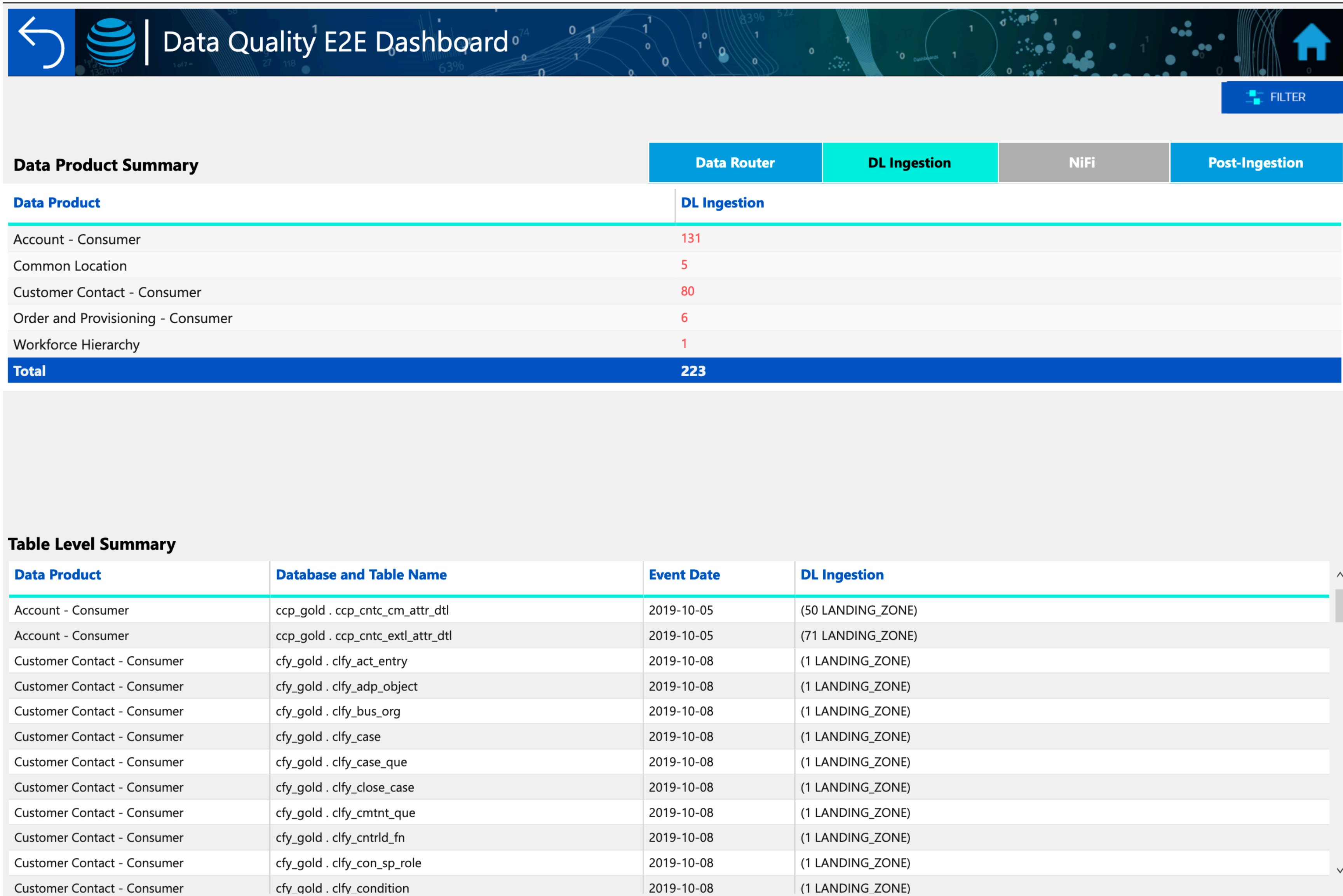
Data Product

Data Router

|                                   |   |
|-----------------------------------|---|
| Customer Contact - Consumer       | 2 |
| Order and Provisioning - Consumer | 7 |
| Total                             | 9 |

Table Level Summary

| Data Product                | Database and Table Name            | Create Date | Data Router |
|-----------------------------|------------------------------------|-------------|-------------|
|                             | ccrr_gold . integrated_offers      | 2019-09-23  | 1 E , 0 L   |
|                             | ccrr_gold . qual_detail_attributes | 2019-09-24  | 1 E , 0 L   |
|                             | ccrr_gold . qualifier_details      | 2019-09-27  | 1 E , 0 L   |
|                             | ccrr_gold . qual_detail_attributes | 2019-09-28  | 1 E , 0 L   |
|                             | ccrr_gold . qualifier_details      | 2019-09-30  | 1 E , 0 L   |
|                             | ccrr_gold . qualifier_details      | 2019-10-04  | 1 E , 0 L   |
|                             | ccrr_gold . qualifier_details      | 2019-10-05  | 1 E , 0 L   |
| Customer Contact - Consumer | adbcs_gold . adobe_global_prod     | 2019-09-19  | 2 E , 0 L   |





| Data Quality E2E Dashboard  |                               |                |  |      |
|-----------------------------|-------------------------------|----------------|--|------|
| Data Product Summary        |                               | Data Router    | DL Ingestion   | NiFi |
| Data Product                |                               | Post-Ingestion |  |      |
| Account - Consumer          |                               | 47             |  |      |
| Billing-Consumer            |                               | 40             |  |      |
| Common Browsing             |                               | 18             |  |      |
| Common Location             |                               | 65             |  |      |
| Credit and Collections      |                               | 5              |  |      |
| Customer Contact - Consumer |                               | 0              |  |      |
| Customer Preference         |                               | 15             |  |      |
| Dispatch                    |                               | 58             |  |      |
| Identity                    |                               | 25             |  |      |
| Product Offering Promotions |                               | 0              |  |      |
| Total                       |                               | 446            |  |      |
| Table Level Summary         |                               |                |  |      |
| Data Product                | Database and Table Name       | Event Date     | Description  |      |
| Workforce Hierarchy         | cp_gold . cp_dtv_dealers_full | 2019-06-20     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Workforce Hierarchy         | cp_gold . cp_dtv_dealers_full | 2019-07-14     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Workforce Hierarchy         | cp_gold . cp_dtv_dealers_full | 2019-07-27     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Workforce Hierarchy         | cp_gold . cp_dtv_dealers_full | 2019-08-08     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Workforce Hierarchy         | cp_gold . cp_dtv_dealers_full | 2019-10-05     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Customer Contact - Consumer | isscw_gold . care_sesn_dtls   | 2019-06-03     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Customer Contact - Consumer | isscw_gold . care_sesn_dtls   | 2019-06-04     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Customer Contact - Consumer | isscw_gold . care_sesn_dtls   | 2019-06-05     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Customer Contact - Consumer | isscw_gold . care_sesn_dtls   | 2019-06-06     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Customer Contact - Consumer | isscw_gold . care_sesn_dtls   | 2019-06-07     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Customer Contact - Consumer | isscw_gold . care_sesn_dtls   | 2019-06-08     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |
| Customer Contact - Consumer | isscw_gold . care_sesn_dtls   | 2019-06-09     | DM : 0 Tickets, 1 Anomalies out of 1 Ctrl <span>s</span> (Ticket OptIn – 0 Ctrl <span>s</span> ) |      |

