metatron

SKTelecom Big Data Discovery Solution

Spatial index optimization and GIS query support on Druid using Apache Lucene

powered by metatron discovery

Kyungtaak Noh, Navis Ryu

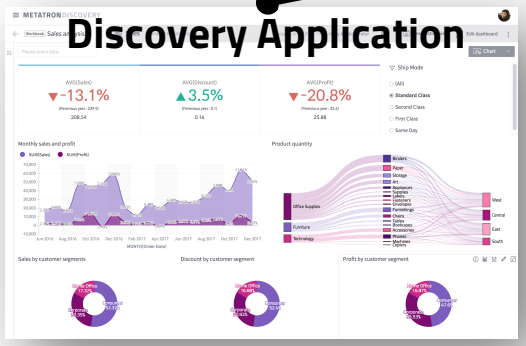
Who we are

SK telecom

metatron

SKTelecom Big Data Discovery Solution

Discovery Application



Kyungtaak

Data Processing Engine

druid

Navis

Hive PMC Member

Druid Committer

In this session,

Spatial index optimization and GIS query support on apache Druid using Lucene

Powered by metatron discovery

SKT is the largest wireless carrier in South Korea

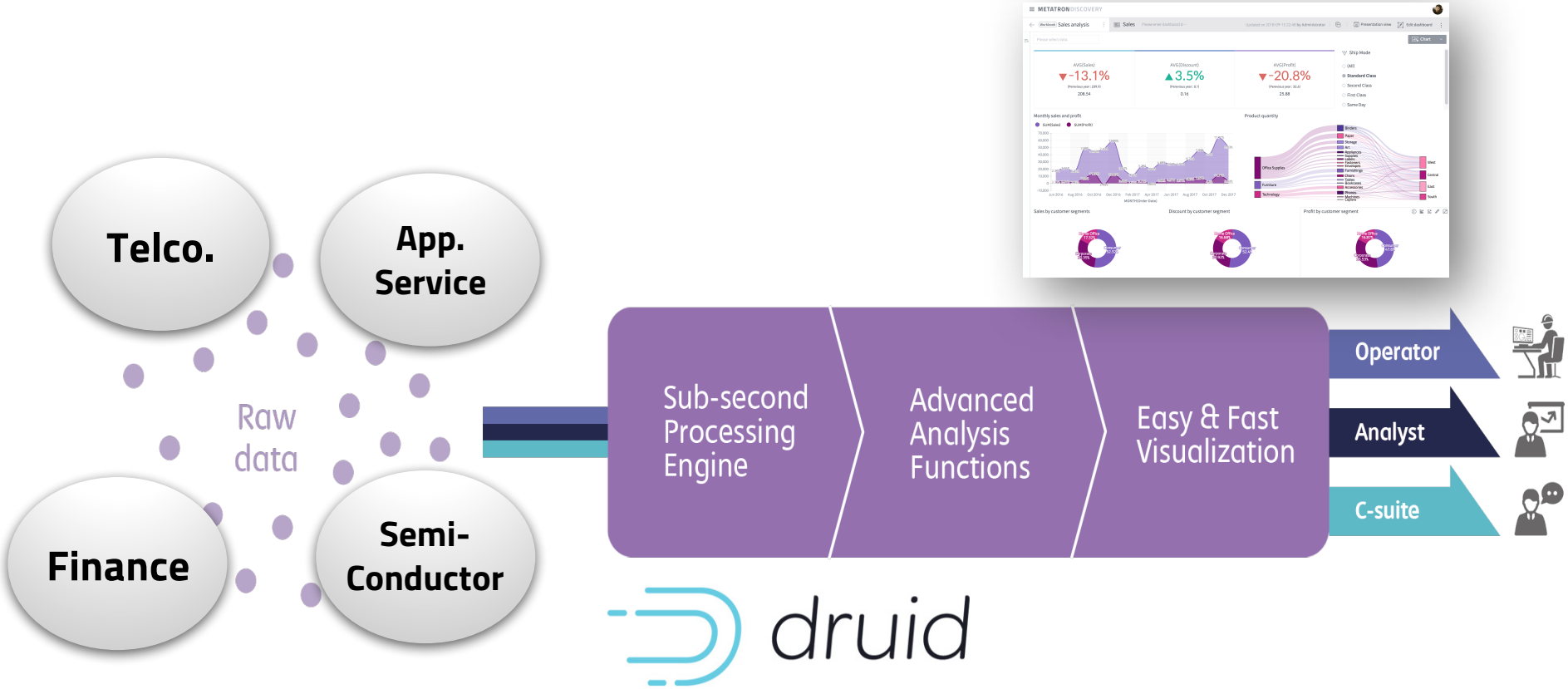
https://www.netmanias.com/en/?m=attach&no=31849

Service quality analysis powered by

TANGO

metatron discovery

What is metatron discovery ?



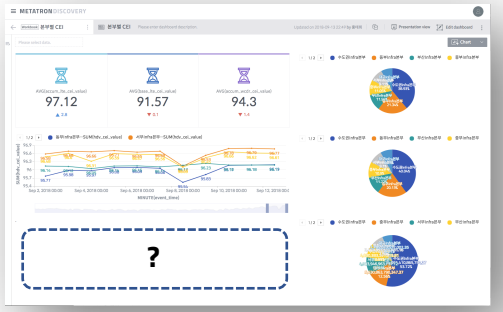
More details >> Visit https://metatron.app

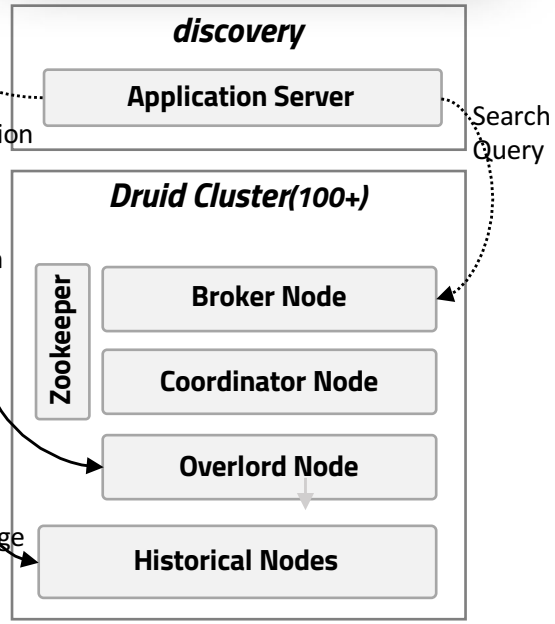
Telco. Quality Analysis Platform – TANGO DW

metatron
SKTelecom Big Data Discovery Solution

Source Systems | *Collection & Integration* | *Data Warehouse* | *Analytics*

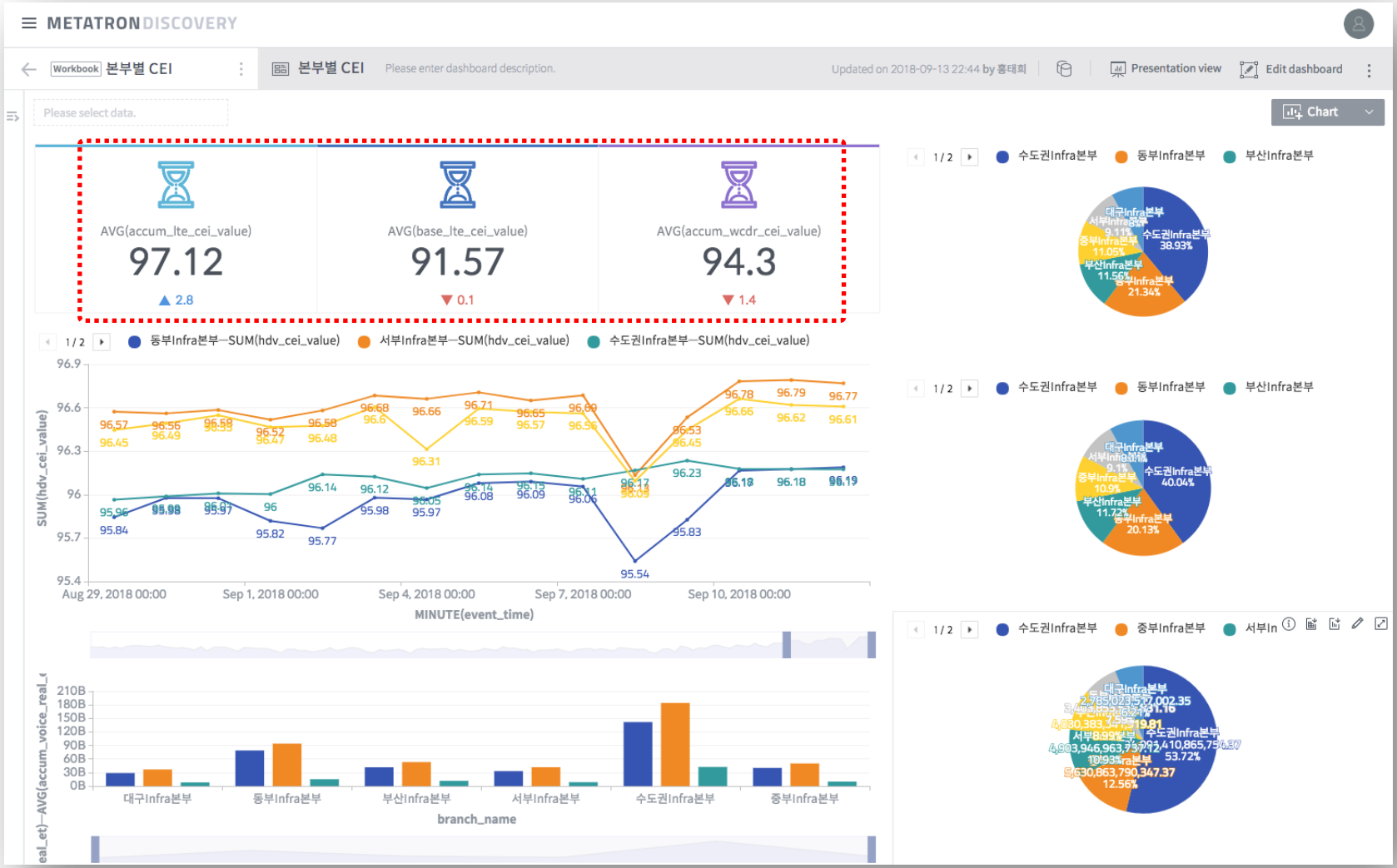
1000+ servers
60TB DATA/Day





Telco. Quality Analysis Platform – TANGO DW

Telco. Quality Analysis Platform – TANGO DW



Geospatial analysis by metatron discovery

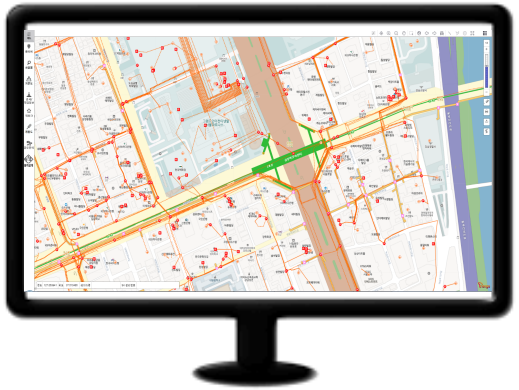
metatron Discovery

ENGINE

How to store geospatial data on Druid
to take advantage of its performance and scalability

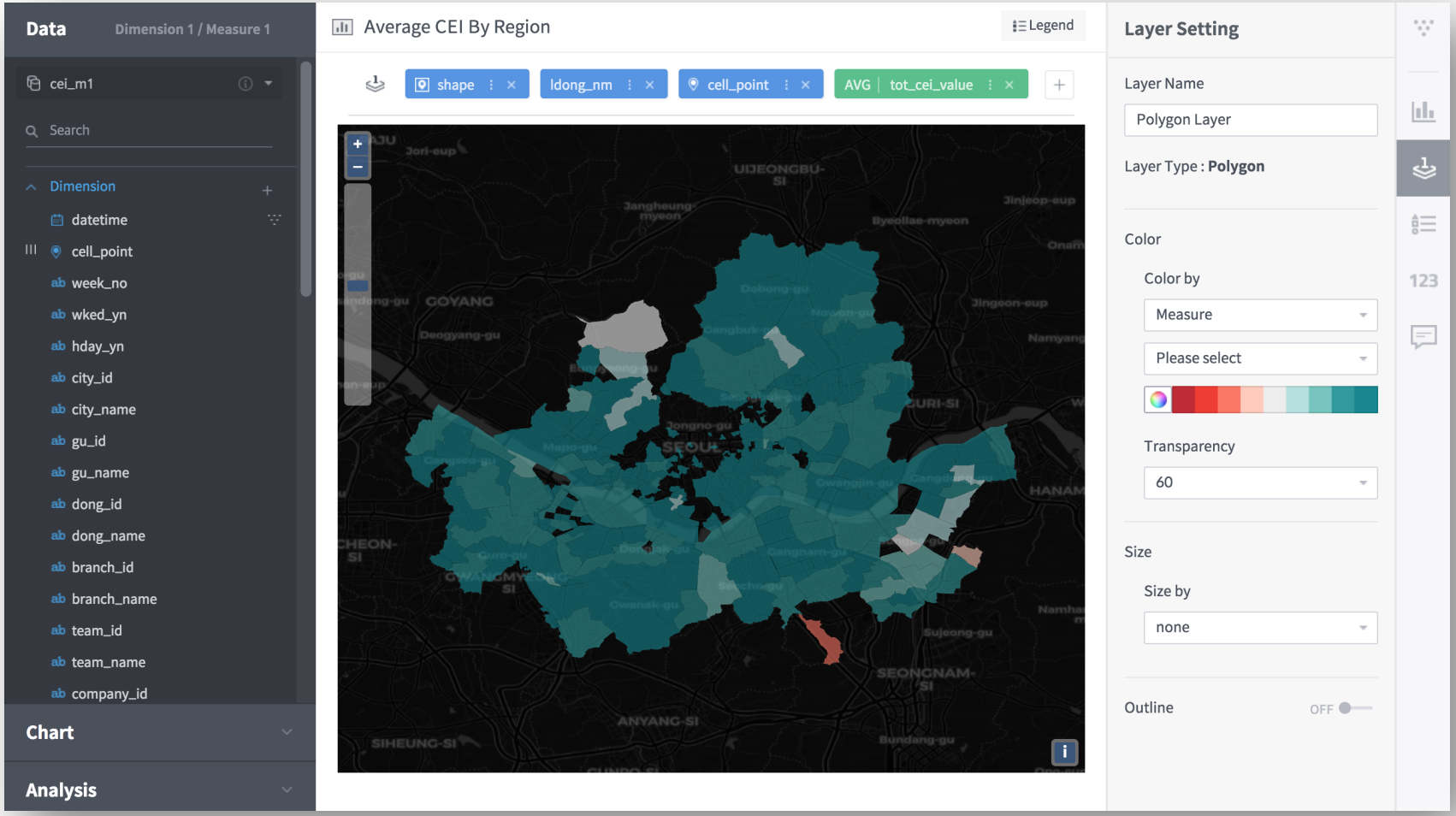
UI

How to visualize geospatial data
in a handy way through user interface

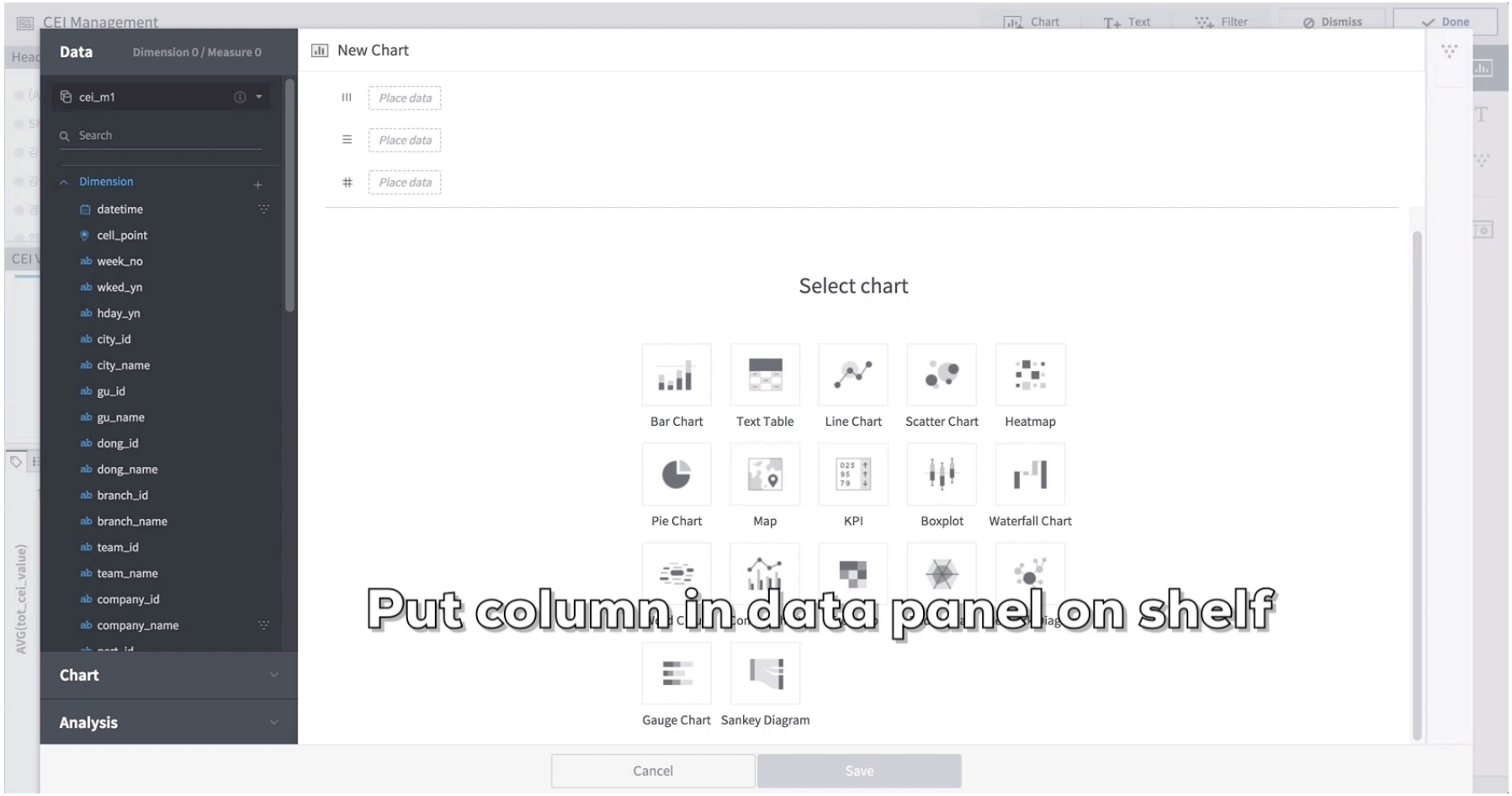


Domain-Specific Map Tools

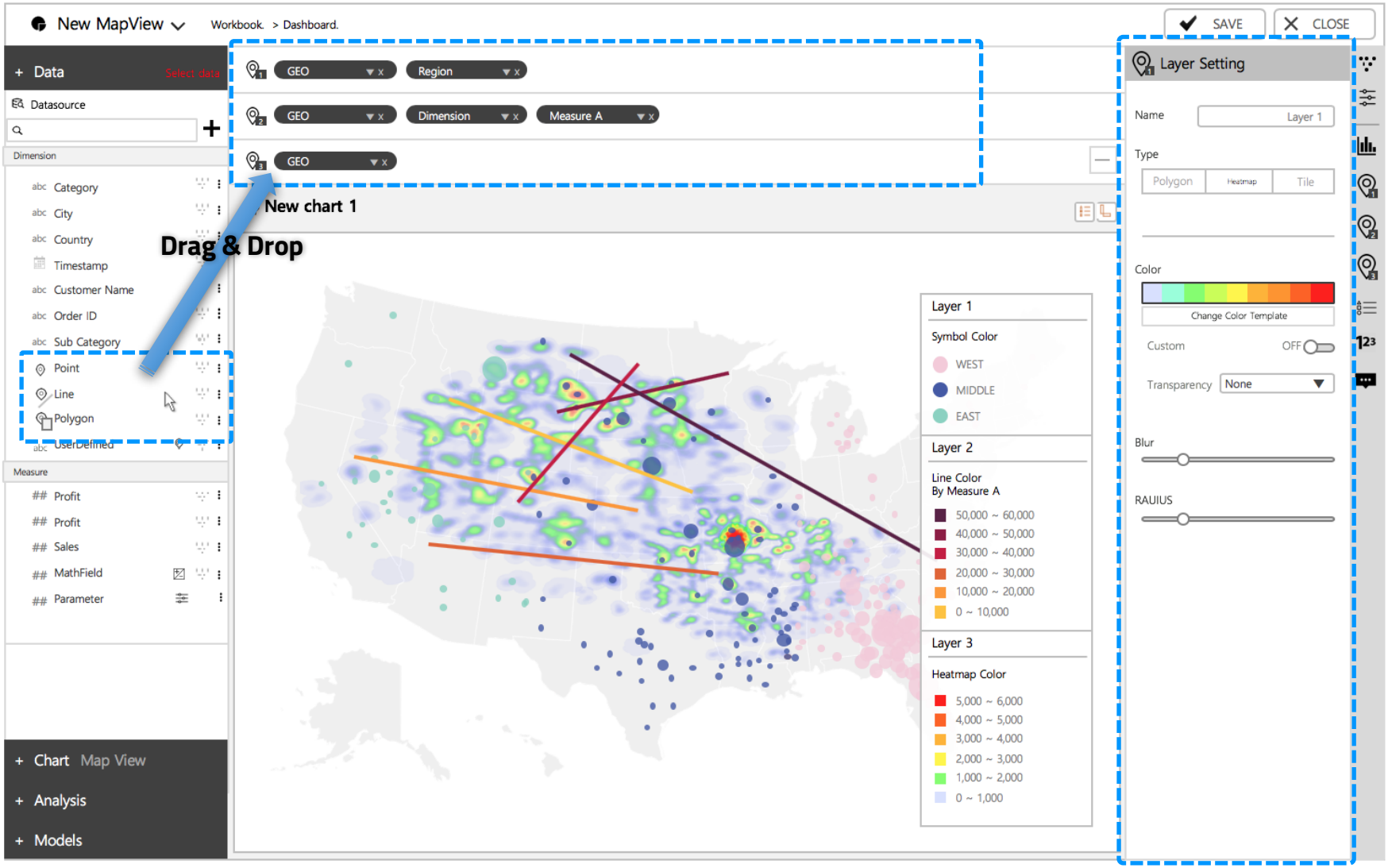
Part 1. How to visualize geospatial data in metatron discovery



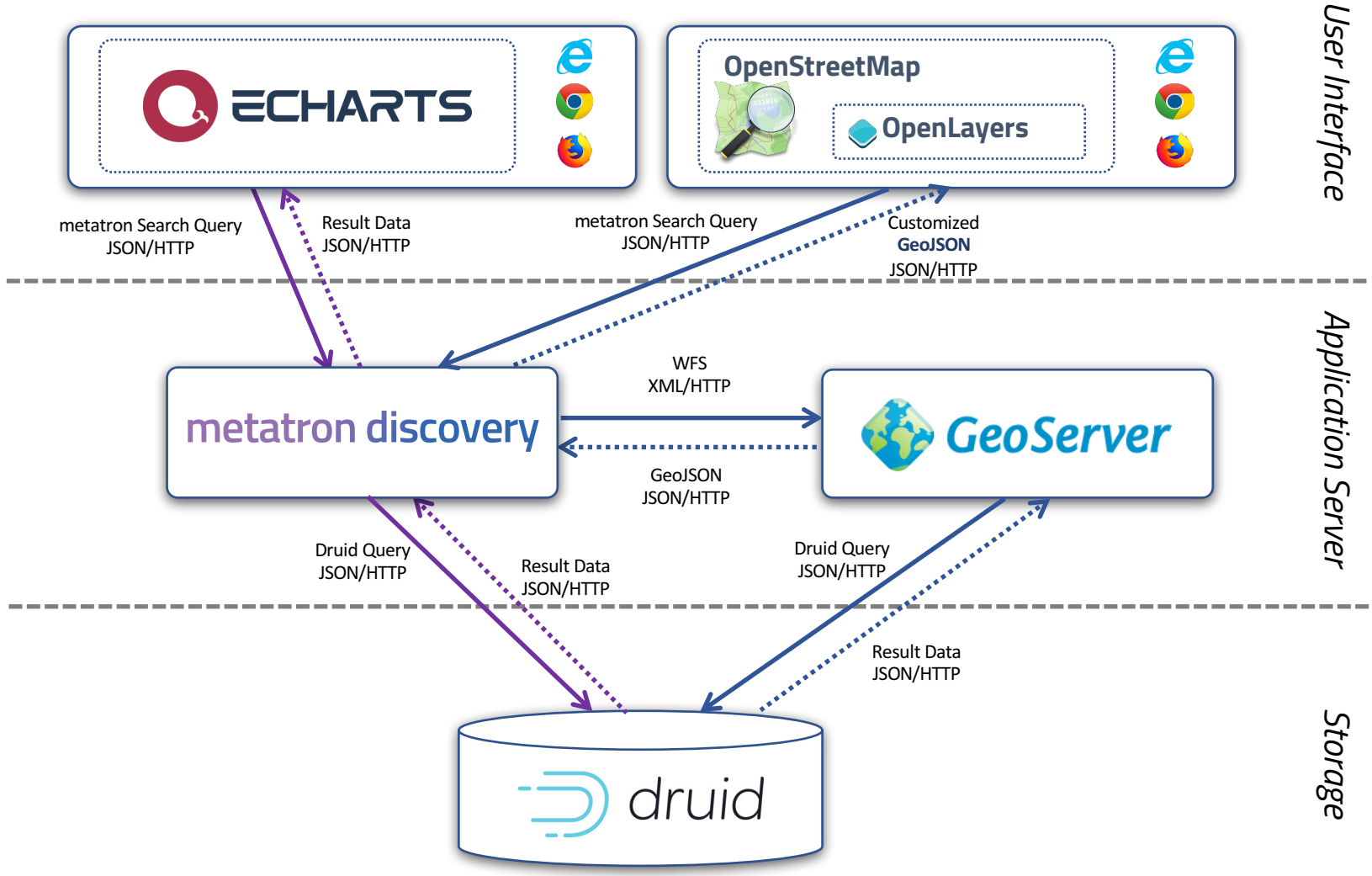
UX : Explore flow for default charts



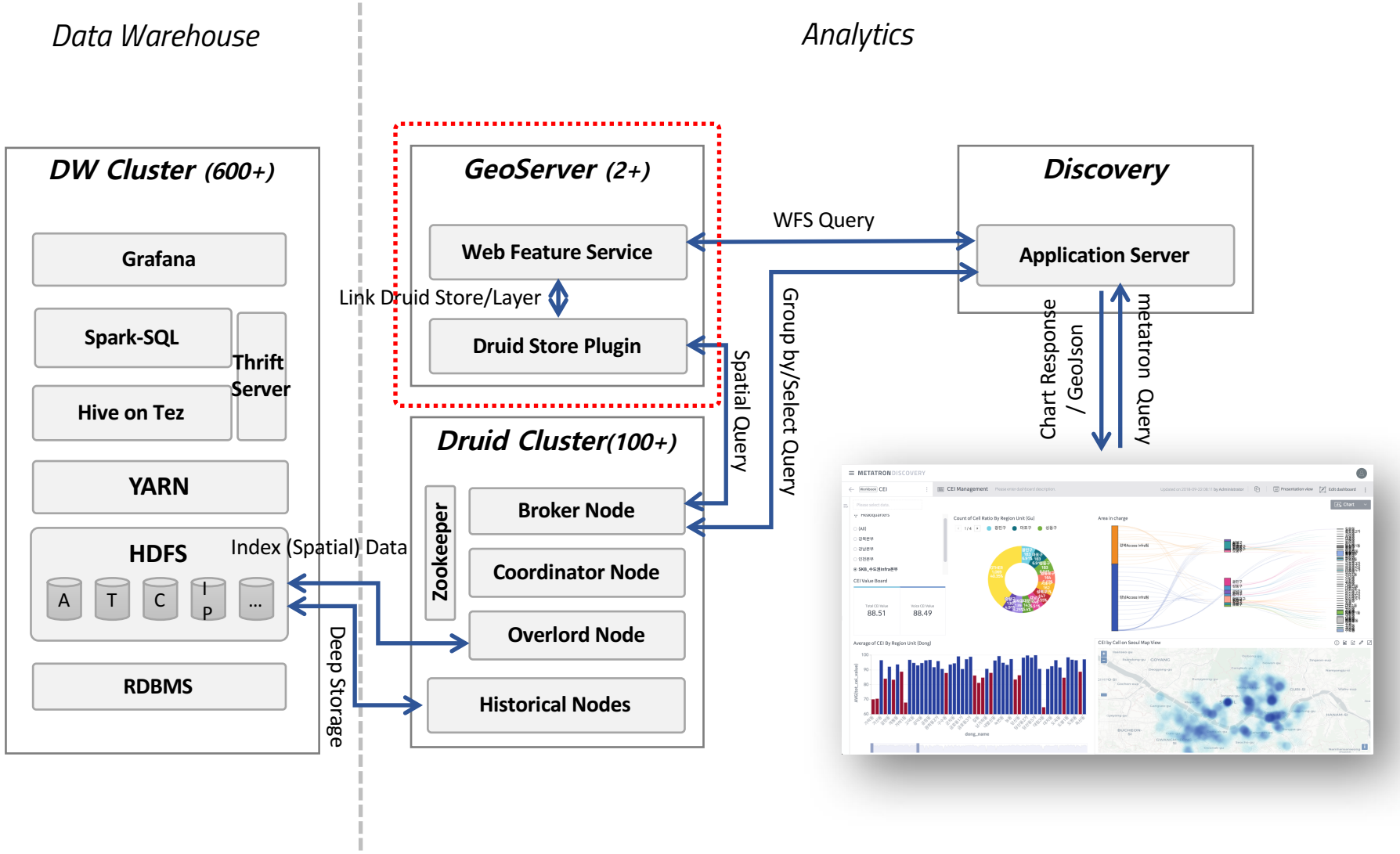
UX : Explore flow for map view



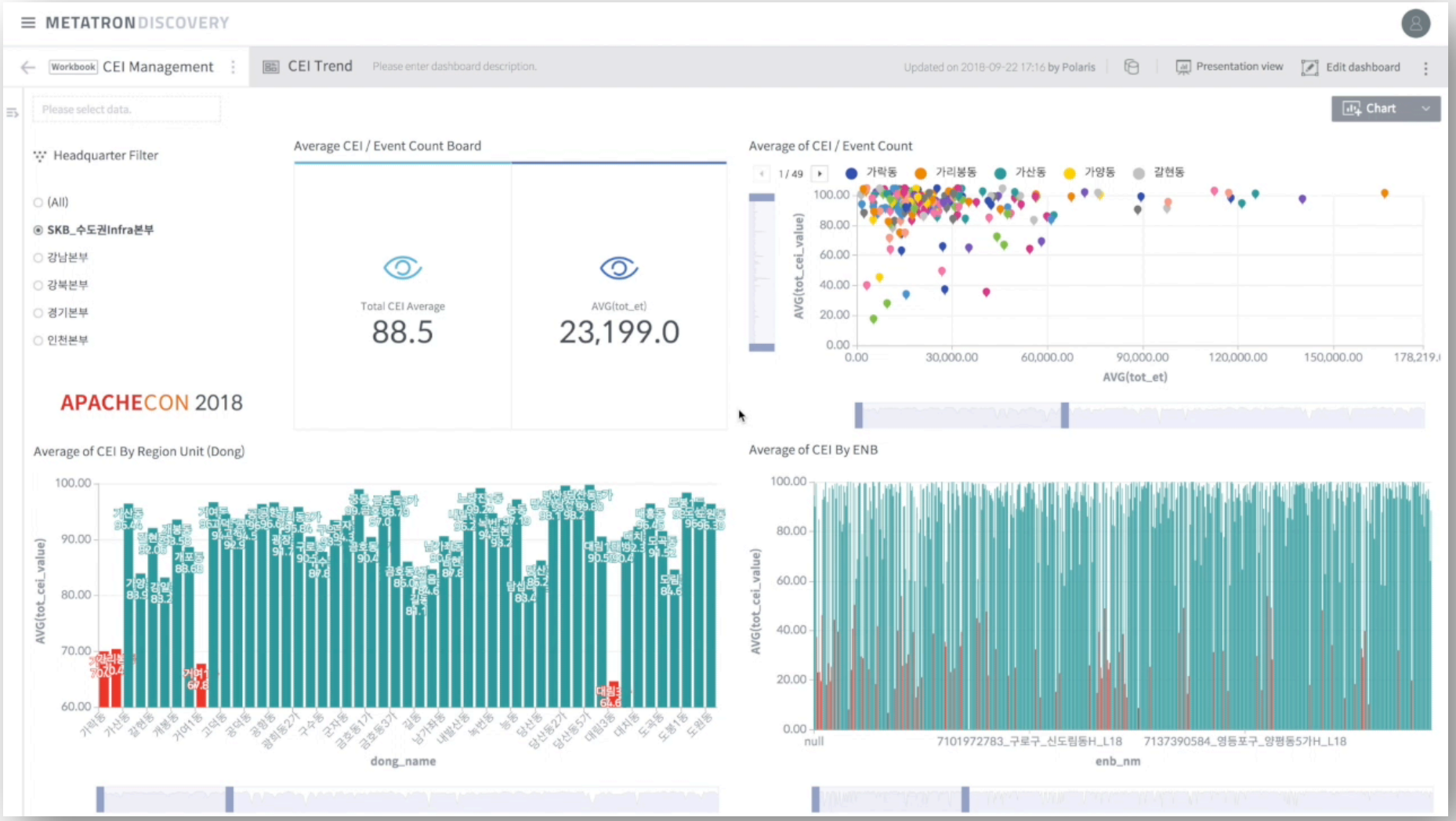
Interaction between layers/components



Analysis platform architecture for geo data

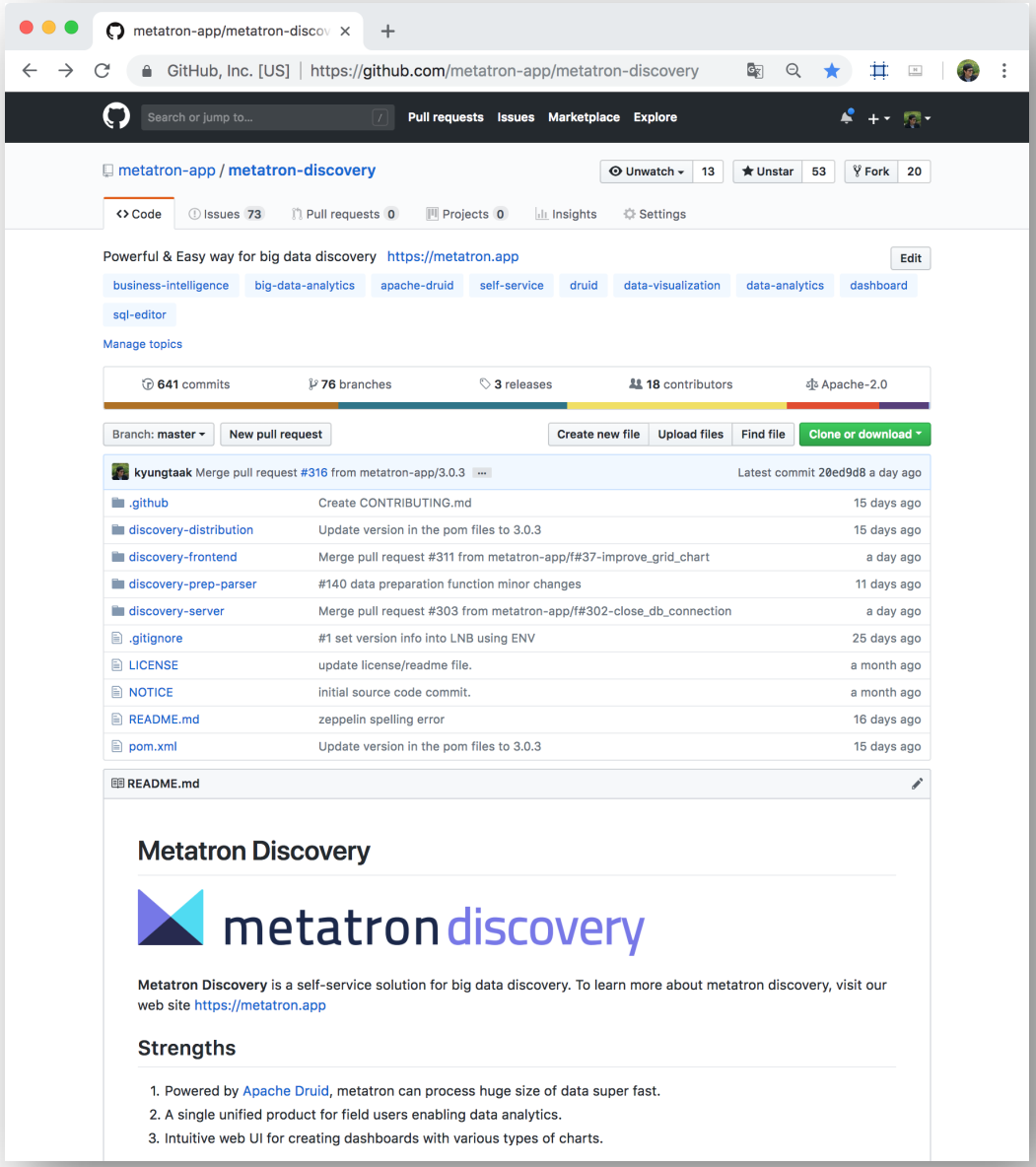


Use case : Customer experience analysis using map views



A long way to go

Join us,

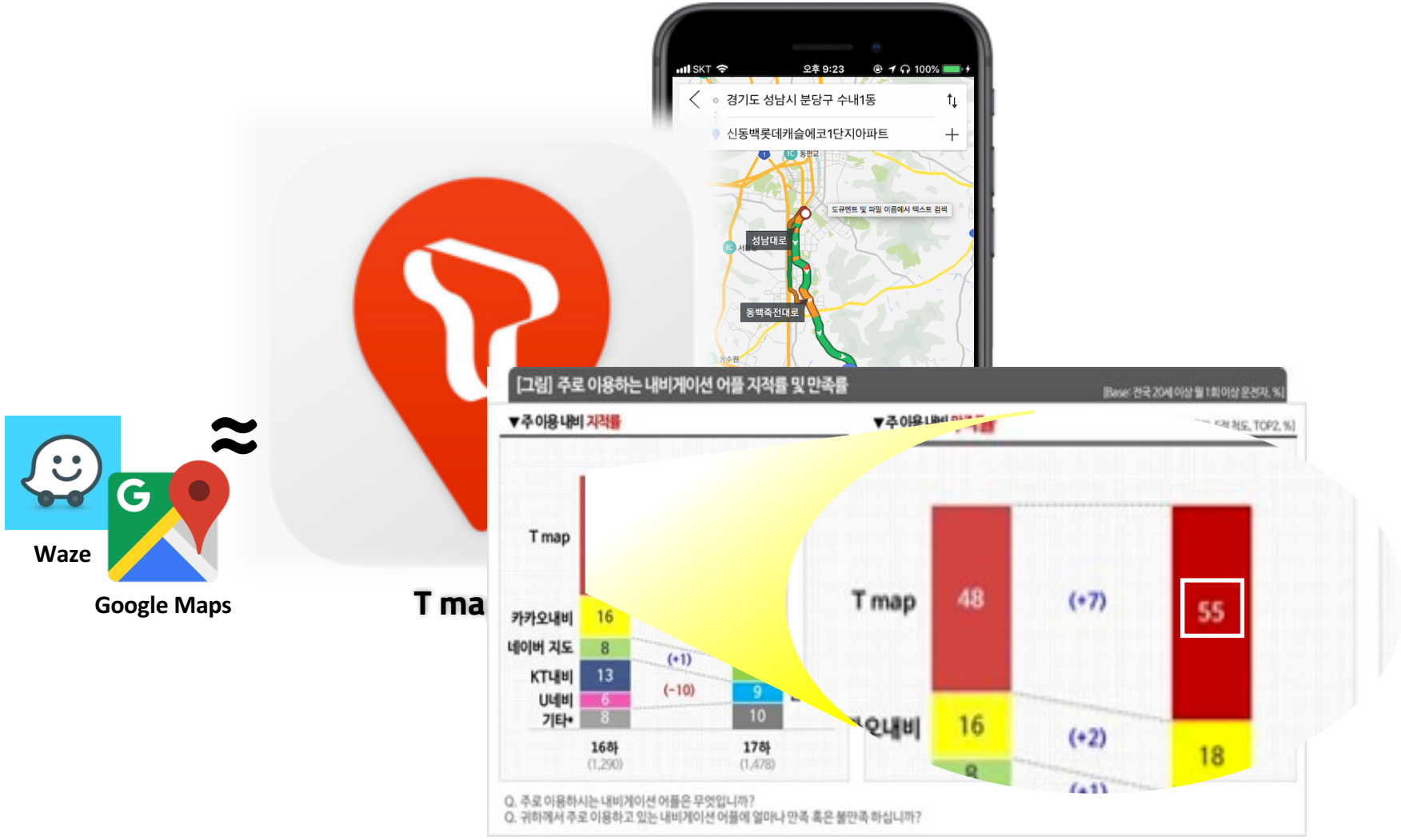

metatron-app/metatron-discov
GitHub, Inc. [US] | https://github.com/metatron-app/metatron-discovery
Search or jump to...
Pull requests
Issues
Marketplace
Explore
metatron-app / metatron-discovery
Unwatch 13
Unstar 53
Fork 20
Code
Issues 73
Pull requests 0
Projects 0
Insights
Settings
Powerful & Easy way for big data discovery https://metatron.app
Edit
business-intelligence
big-data-analytics
apache-druid
self-service
druid
data-visualization
data-analytics
dashboard
sql-editor
Manage topics
641 commits
76 branches
3 releases
18 contributors
Apache-2.0
Branch: master
New pull request
Create new file
Upload files
Find file
Clone or download
kyungtaak Merge pull request #316 from metatron-app/3.0.3
Latest commit 20ed9d8 a day ago
.github Create CONTRIBUTING.md 15 days ago
discovery-distribution Update version in the pom files to 3.0.3 15 days ago
discovery-frontend Merge pull request #311 from metatron-app/f#37-improve_grid_chart a day ago
discovery-prep-parser #140 data preparation function minor changes 11 days ago
discovery-server Merge pull request #303 from metatron-app/f#302-close_db_connection a day ago
.gitignore #1 set version info into LNB using ENV 25 days ago
LICENSE update license/readme file. a month ago
NOTICE initial source code commit. a month ago
README.md zeppelin spelling error 16 days ago
pom.xml Update version in the pom files to 3.0.3 15 days ago
README.md
Metatron Discovery
metatron discovery
Metatron Discovery is a self-service solution for big data discovery. To learn more about metatron discovery, visit our web site https://metatron.app
Strengths
1. Powered by Apache Druid, metatron can process huge size of data super fast.
2. A single unified product for field users enabling data analytics.
3. Intuitive web UI for creating dashboards with various types of charts.

Next,

druid

GeoServer

No.1 navigation service by No. 1 mobile operator

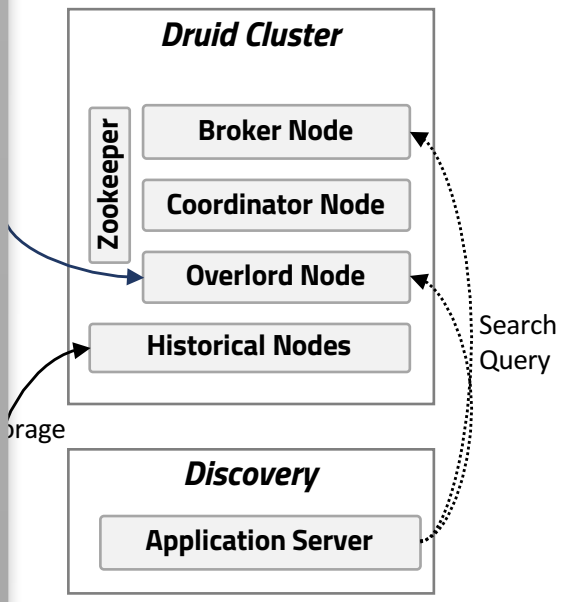


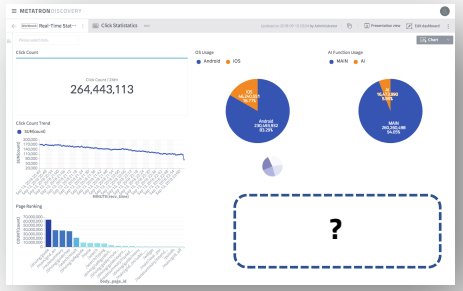
T-Map Quality Analysis Platform

6TB/Day
On Real-Time

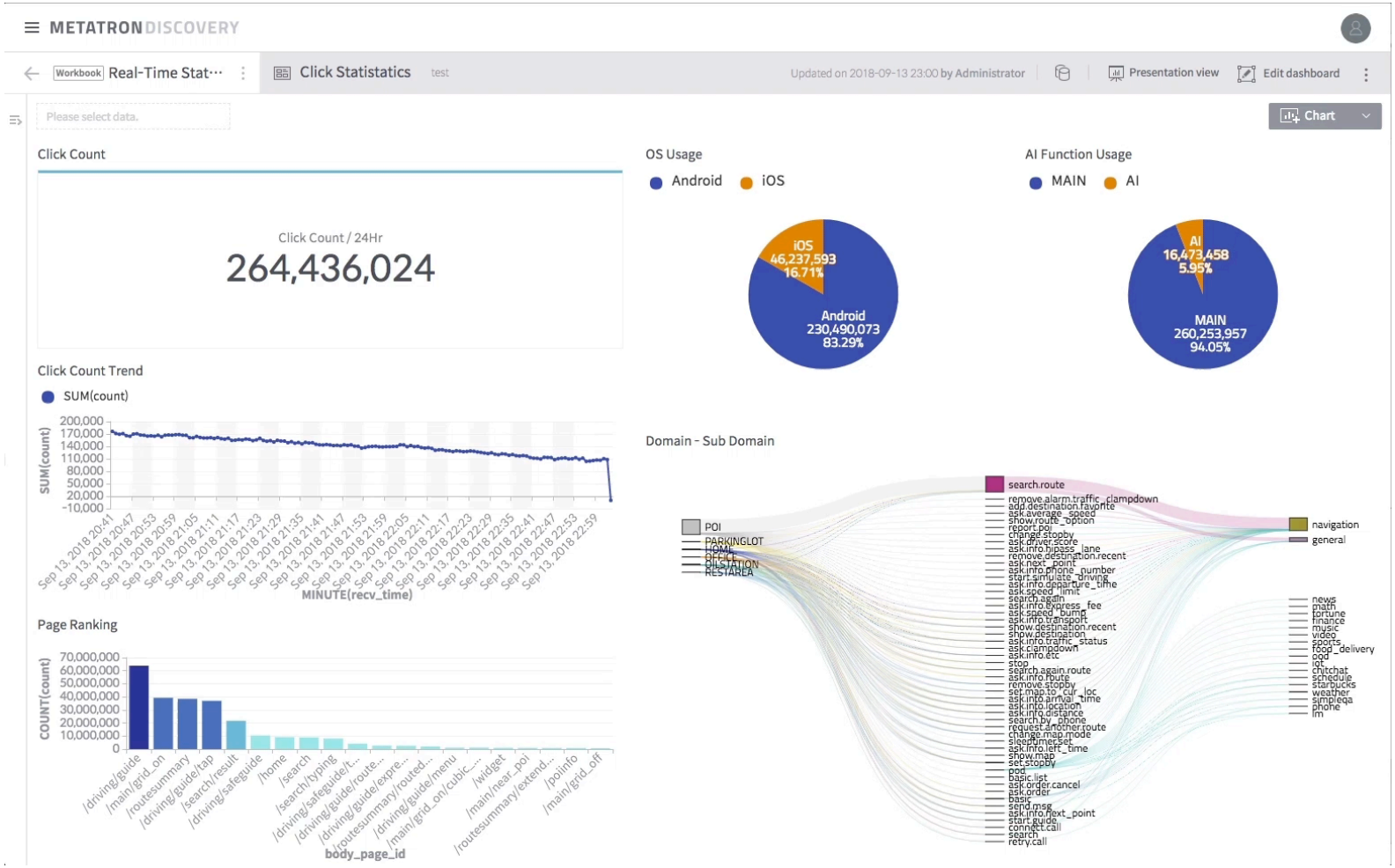
metatron
SKTelecom Big Data Discovery Solution

Analytics



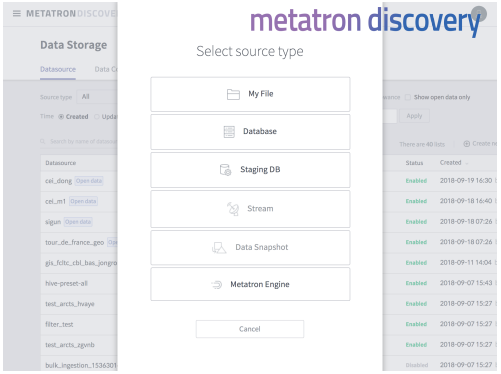


T-Map Quality Analysis Platform



Geospatial analysis in metatron discovery

Geo Data Ingestion



druid GeoServer

Data Exploration/Analysis with geo