Data Catalogs with Hyperintelligence

Window into the Semantic Graph

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Agenda

**Your Window into the Semantic Graph**

- Why a window into the Semantic Graph is a great idea
- What’s the concept?
- How you can build this, using out of the box tools
Why a Window into the Semantic Graph is a Good Idea
Why a Window into the Semantic Graph is a Good Idea
Do you enjoy asking for directions?
Does it annoy you when street signs are inaccurate or missing?
Are you good at reading maps?
Or do you prefer to be prompted?
How About Finding Your Way Around the Semantic Graph?

DELIVERY OBJECTS
- Publications
- Schedules
- Subscriptions

DOCUMENTS DEFINITIONS
- Dashboards
- Mobile App
- HyperCards

REPORT
- Layout
- Format
- Calculations

IN-MEMORY / REPORTING COMPONENTS
- Parameterization
- Templates

BUSINESS ABSTRACTION
- Metrics
- Hierarchies
- Custom Groups
- Transformations

DATA ABSTRACTION
- Attributes
- Facts
- Tables
- Aliases

CONFIGURATION OBJECTS
- Projects
- Users, Groups
- Security Roles
- Schedules
- Data Source Connections
The Answer - Instant Guidance for People Who Like Help

An instant pop-up to surface the Semantic Graph. Let's see how...

Revenue

1,547,612

Profit Margin

11.80%

This is the Profit Margin Metric
It is sourced from the ERP System
The expression is (Profit / Revenue)
It is a Smart Metric
It was last edited on 11/11/2018
It is owned by the Administrator
What’s the Concept?
Use HyperIntelligence to Surface the Semantic Graph to Users

Bring Project Documentation to HyperIntelligence Cards, surface that info anywhere
Use HyperIntelligence to Surface Data Catalogs to Users

Tell them everything they need to know about the data they are using

Semantic Graph

Alation

collibra

...etc
Demo
How Can You Build It?
1. Make Sure the Semantic Graph is Properly Documented

…annotation is useful on our HyperIntelligence Card

1. Update Semantic Graph
2. Document Your Project
This will come in useful later…

1. Update Semantic Graph
2. Run Project Documentation
2. Document Your Project

…and save it to your Web Server…

1. Update Semantic Graph
2. Run Project Documentation
3. Export Objects From the Semantic Graph

Using an out of the box Command Manager Procedure

Open this Procedure in Command Manager

C:\Program Files (x86)\MicroStrategy\Command Manager\Outlines\Procedure_Outlines\Sample_Procedures

…and run List_All_Metrics_Properties.cmp

1. Update Semantic Graph
2. Run Project Documentation
3. Export Objects
4. Create a Dataset for Metrics HyperIntelligence Card

Save results to Excel (or output to a database)

I am using a Google Drive to share and import this extract as a DataSet:

1. Update Semantic Graph
2. Run Project Documentation
3. Export Objects
4. Create a Dataset

Attribute Form
ID + Name + Image

Here’s a quick ‘cheat’ to add an image during Wrangling – replace text with
<img src=https://environment.microstrategy.com/MicroStrategy/images/Advanced%20icon.png width =72>
5. Create Your Card
Metrics or Attributes

1. Update Semantic Graph
2. Run Project Documentation
3. Export Objects
4. Create a Dataset
5. Create your Cards
6. Use MicroStrategy Cards in Dossiers, Web, any web app
Definitions, Metrics, Attributes other terms

1. Update Semantic Graph
2. Run Project Documentation
3. Export Objects
4. Create a Dataset
5. Create your Cards
6. Share Cards with Users
How About Other Data Dictionaries?
Other Data Catalogues

Alation, others…
Questions?
Thank you!

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