Data Virtualization and Visualisation using Dremio and Looker

A bit about me

Murtaza H Zaveri
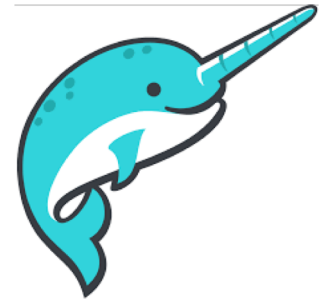
Software Engineer at Citiustech(Big Data Engineer)

Talk less code more

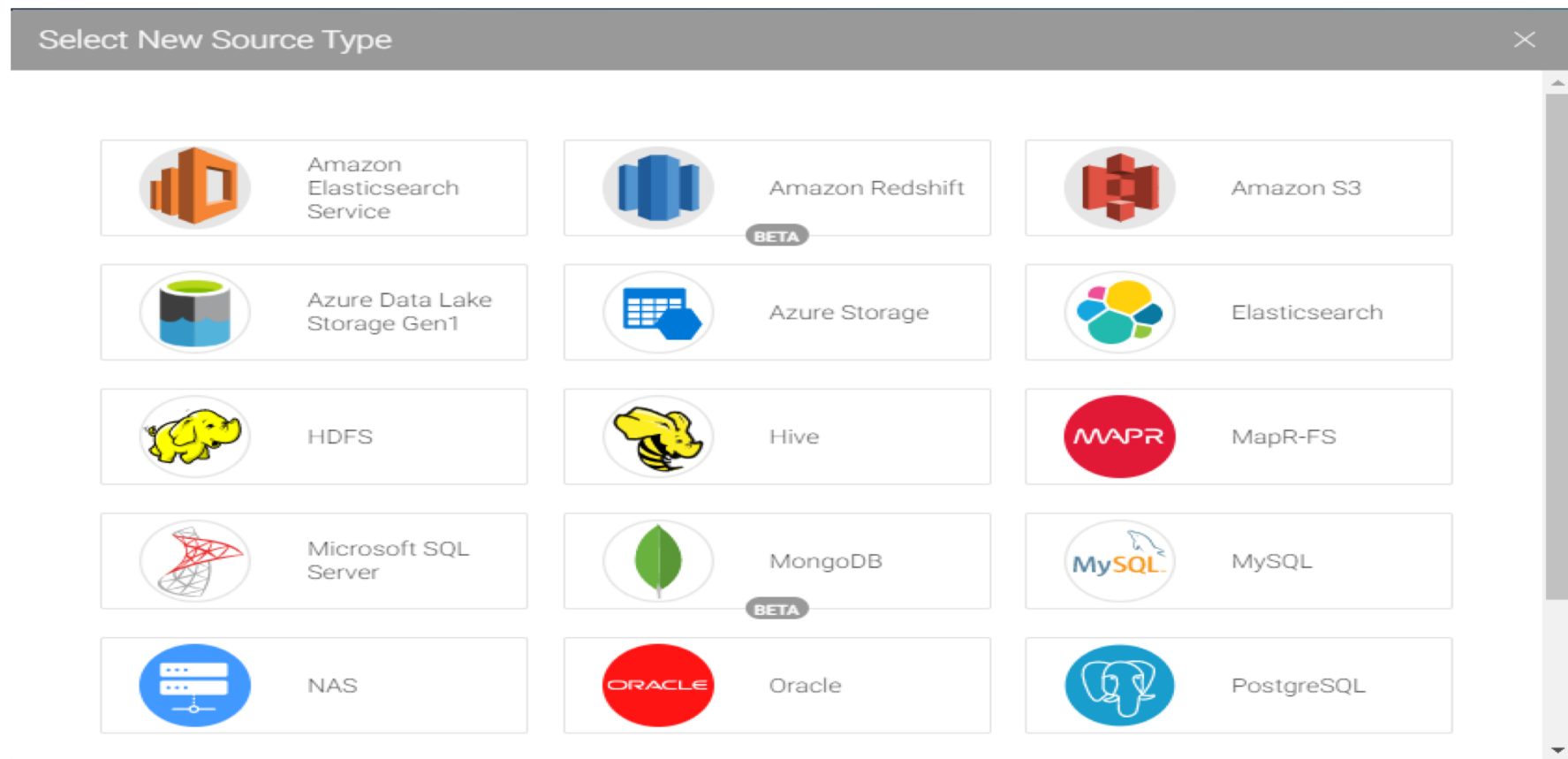 linkedin.com/in/murtaza-zaveri-0b5570136

Dremio

Dremio is an Open Source tool which defines as Data as a Service

Dremio delivers lightning-fast queries and a self-service semantic layer directly on your data lake storage

No moving data to proprietary data warehouses, no cubes, no aggregation tables or extracts. Just flexibility and control for data architects, and self-service for data consumers.

Sources Supported in Dremio

Select New Source Type   ×

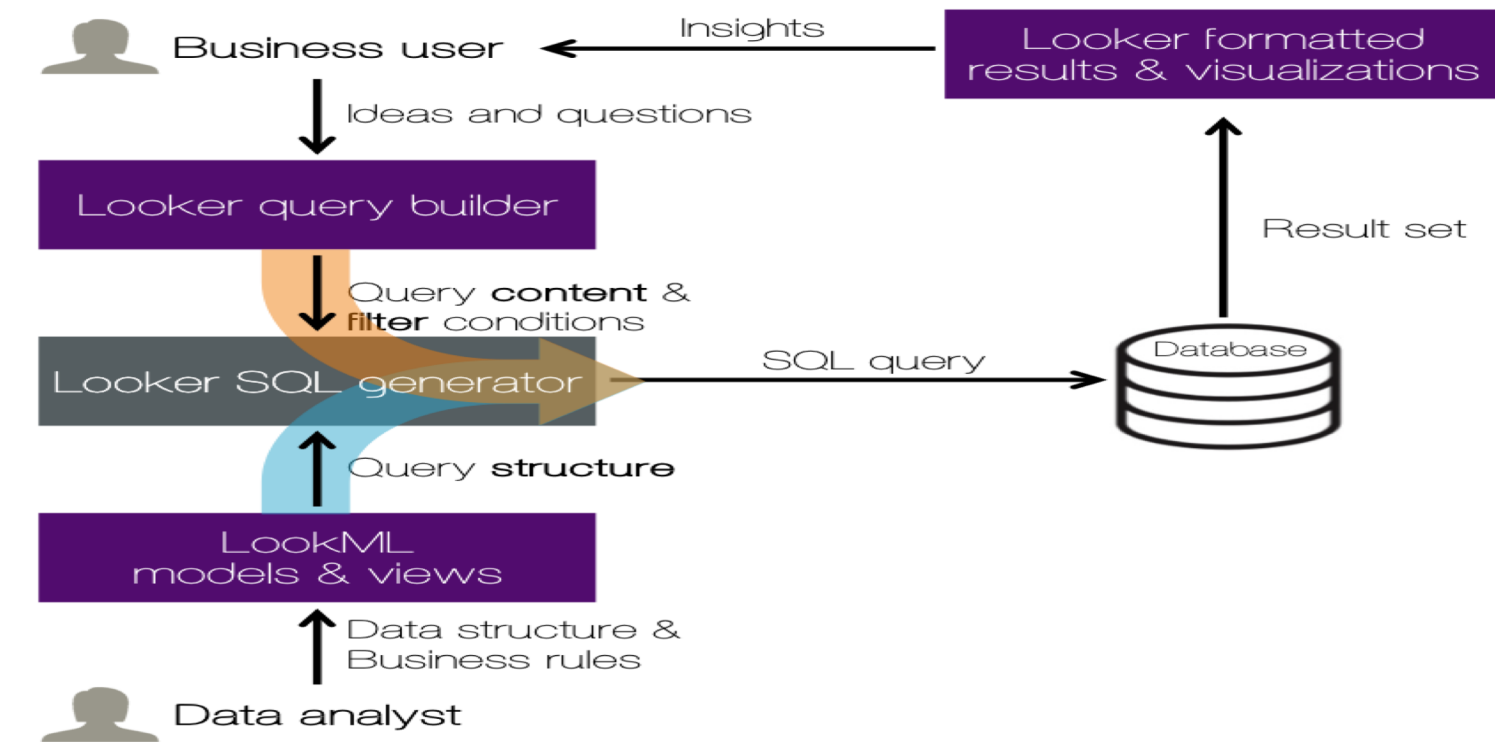|		
Amazon Elasticsearch Service	Amazon Redshift **BETA**	Amazon S3
Azure Data Lake Storage Gen1	Azure Storage	Elasticsearch
HDFS	Hive	MapR-FS
Microsoft SQL Server	MongoDB **BETA**	MySQL
NAS	Oracle	PostgreSQL

What is Looker ?..

Looker is a business intelligence software and big data analytics platform that helps you explore, analyze and share real-time business analytics easily

A flexible and scalable analytics platform.

Easy to Own and Deploy

Looker Architecture

https://docs.looker.com/data-modeling/learning-lookml/what-is-lookml

Getting Started with Looker

Get started with few basic concepts of LookML.

Configure your dremio account details with Looker. Create one model class with extension .lkml and add dremio as connection. Now Looker will connect to Dremio and get data for Visualization.


```
ImportedModel.model ▼

1   connection: "dremio"
2
3   include: "*.view.lkml"      # include all views in this project
4
```

Final Steps

Create one space for your project.

Create Dashboards inside your project and add new tile.

Give some unique name over it and explore your data over there. Reports are ready now !

You have successfully created reports with two different data sources using +

Thank You