Logo, company name

Description automatically generated

**Ganit Capstone Project 4**

**Instructions:**

Welcome to Ganit capstone project!

We hope you find this challenge interesting. We won't provide any kind of starter code, so feel free to configure your own environment to achieve the proposed goals.

I have created a Data folder which consists a sql backup file. Restore the data in a local database and do the profiling of data. Later you can implement parts of the objective mentioned below to implement the business use cases

Objective of Capstone Project

* Build custom data processing scripts to clean, process & aggregate data. The scripts should have failure alerts and should also provide a summary report over email
* The processed can be loaded in S3 or moved to a data warehouse. The processed data should be able to be directly consumed by the visualization tool
* Build a live dashboard to show the various trends across different mutual funds. The dashboard should also be able to provide forecasts for funds. The user should also have the feature to compare two funds across different periods & analyze the top performing funds.
* The entire infrastructure should be developed on AWS. You are free to use any services on AWS. You can also use any visualization tool of your choice

Final Presentation should include a ppt & demo covering

* Overview of the dataset
* Methods used for data profiling or EDA
* Implemented Architecture and services
* Key Business Outcomes
* Small live demo of the process
* Dashboard covering insights
* Optional – Any AI/ML based technique to analyse sentiment or forecast something etc

Kindly share the git repository with us after completion of the challenge. The git repositories should also capture screenshots of successful outcomes, dashboards & documentation.

Good luck, and happy coding!