PRISMWARE TECHNOLOGIES

Projects Summary:

Reporting, Analytics & ETL for HVAC (Cardinal Plumbing & TripleO)

Environment: Power BI, Python, Google BigQuery

Outline: Development of dashboard for HVAC business. Dashboards were built to track key metrics on Daily, WoW, MoM, QoQ & YoY basis. Integrated web APIs with data warehousing in Google BigQuery.

Description:

- End-to-End Design and development.
- Develop Upload mechanisms & creating multiple Synchronization jobs between ST (API) and BigQuery.
- Creating Cloud Functions and Scheduling Synchronization jobs to push data in different tables.
- Presenting KPIs & metrics with meaningful visuals.

Dashboard Automation for Mackenzie Art Gallery

Environment: Google Analytics, Density.io, Salesforce, Excel, MCode, DAX, Power Query

Outline: Migrating Excel Dashboards for a public art gallery to Power BI. Automating metrics from Google Analytics and density.io using APIs and connectors.

Description:

- Creating selection tools to populate stats using Power Query.
- Creating Synchronization jobs between Density, Salesforce and Power Query.
- Adding and maintenance of the metrics and KPIs on dashboard.
- Developing dashboards with multiple strategic priorities in view.

Reporting, Analytics & ETL for GP Tech

Environment: ERP, OneDrive, DAX, Power BI

Outline: Building dashboards for Mechanical/Industrial Engineering projects to visualize their key performance metrics, timelines, and revenues.

Description:

- End-to-End Design and development
- Creating measures using DAX for calculating metrics.
- Connecting with ERP and OneDrive asynchronously to retrieve data.
- Adding and maintenance of the metrics and KPIs on dashboard.

HR Internal Reporting using Azure DevOps (Ongoing)

Environment: Azure DevOps, Power Query, DAX, Power BI

Outline: Reporting for internal work flows to understand how the project deliverables are being met. Used an Azure DevOps connector to retrieve data and then visualize for employees and stakeholders.

Description:

- Depicting key business performance metrics and visualizing them in Power BI.