Varun Narendra Aluri
Power BI Developer

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Professional Summary

- Experienced Data Analyst with over 4.3+ years of experience in designing and developing data analytics solutions.
- Specialized in building interactive dashboards and reports using OBIEE, Power BI, with advanced knowledge of DAX and Power Query for data manipulation.
- Proficient in Star Schema, Snowflake Schema, and Galaxy Schema for organizing fact and dimension tables, optimizing data for efficient querying and reporting.
- Having good knowledge in handling data transformation processes using ETL/ELT tools like ODI, SAP Data Sphere and Snowflake.
- Skilled in writing SQL queries, creating views and stored procedures to manage and retrieve data for report creation in BI Publisher and Power BI.
- Extensive experience with Oracle, Azure Data Lake, Microsoft Azure, and Snowflake for handling large datasets and developing cloud-based BI solutions.
- Successfully migrated reports and data models from Oracle, OBIEE, OACS and Incorta to Power BI, ensuring seamless integration with cloud platforms.
- Adept at designing efficient data warehouse models and optimizing ETL pipelines for reliable and accurate reporting.
- Implemented row-level security (RLS) and user hierarchy access, ensuring secure data handling, while also driving successful user adoption and training.
- Proven track record of gathering business requirements and delivering customized Power BI solutions that meet client expectations, particularly in the Health & Insurance sectors.
- Strong experience in connecting to a wide range of data sources such as Oracle DWH, SQL Server, Azure SQL and Excel enabling comprehensive data analysis.
- Proficient in Power BI Report Builder for creating paginated reports suitable for large datasets and operational reporting, supporting enterprise-level reporting needs.
- Skilled in improving report performance by tuning data models, optimizing storage modes (Import/Direct Query), and leveraging incremental refresh for faster processing of large datasets.
- Worked in Agile/Scrum environments, delivering iterative reporting solutions and quickly adapting to changing business needs and data requirements.
- Expertise in optimizing DAX queries to enhance the performance of Power BI reports by 20-30%, ensuring efficient data loading and calculations.
- Configured scheduled refreshes for datasets in Power BI Service, ensuring timely updates for reports based on changing data from cloud and on-premises sources.
- Organize and manage your reports and dashboards within workspaces.
- Create dashboards by pinning visuals from reports that provides an overview of multiple reports in one place for easy monitoring.

Skills

- **Tools**: Power BI, DAX Studio, Power BI Report Builder, Tableau, Oracle BI Publisher, OBIEE
- **Programming Languages**: Python, SQL, DAX
- **ETL Tools**: ODI, SAP Data Sphere, Snowflake
- **Reporting Tools**: Power BI (Desktop, Services, Report Builder, DAX Studio), Tableau, OACS, OTBI, SAP Analytical Cloud
- **Databases**: Oracle, MySQL
- **Oracle Stack**: Oracle Database, Oracle Fusion, Oracle Analytical Cloud, OTBI, Oracle DV
- **Data Warehouses**: Oracle Autonomous Data Warehouse, Snowflake, Azure Synapse Analytics, Snowflake, OLAP, OLTP Systems.
- **Cloud Platforms**: Oracle, Microsoft Azure, AWS
- **Machine Learning**: EDA, Classification & Regression
- **Version Control**: GitHub
- **Data Science:** Predictive Modelling**,** Explorative Data Analysis, NLP, Deep Learning

Professional Experience

- Data Analyst III at **KPI Partners**, Hyderabad from Nov 2022 to till date
- Data Analyst at **KPI Partners**, Hyderabad from July-2021 to Oct-2022
- Machine Learning Intern at **Surya Informatics Pvt. Ltd,** Chennai from Oct-2020 to May-2021

Certifications

- Microsoft Certified: Power BI Data Analyst Associate by **Microsoft**
- Software Development Fundamentals by **Microsoft**
- SQL Analyst Associate by **Data Bricks**

Achievements

- ✓ **Received Client Appreciation:** KUDOS AWARD from Client for my contribution and support to achieve our milestone.
- ✓ **Received Certificate of Appreciation:** KUDOS AWARD from Project Manager within the quarter for completing the tasks and validating them in project deliverables on time.

Educational Qualification

- B. Tech Graduated in Computer Science and Engineering [2015 - 2019] from Chalapathi Institute of Engineering and Technology, ANU, Guntur, Andhra Pradesh. **CGPA – 9.12**

Projects

Project III:

Project Title	:	Syneos Health: 2024_Oracle Fusion to FDM on Data bricks
Client	:	Syneos Health
Role	:	Power BI developer
Duration	:	May-2024 to till date (**KPI Partners**)
Skills	:	Power BI, Data Bricks, Microsoft Azure.

Description

Syneos Health is a leading fully integrated biopharmaceutical solutions organization built to accelerate customer success.
Responsibility is push Syneos on-premises EBS, Fusion data into Data bricks cloud environment with help of KPI Cloud analytics product.

Responsibilities

- Created the Data models and materialized views from the Fusion Application (OTBI) as source to the Azure Data bricks.
- Designed and implemented Galaxy Schema (Fact Constellation Schema) data model in the Power BI from the multiple Fact and Dimension tables.
- Developed new reports based upon the client requirements and created the new calculated fields in the data model dimensions and fact tables based upon the requirements.
- Merge and append queries, remove columns, choose required columns in the data.
- Utilized advanced Power BI features, such as drill-through, slicers, filters, Parameters to improve the user experience.
- Experience in using the Data Warehouse Star Schema Modeling, Snow-Flake Modeling from Fact & Dimension Tables.
- Optimizing the DAX queries for better performance of the reports/dashboards.
- Worked on multiple DAX functions like Aggregation, Filter, Time, Date, Logical, Information, Mathematical, Text etc.
- Customized dashboards and reports based on user roles and preferences, enhancing user engagement and satisfaction.
- Developed various reports and pages by using the Charts, Gauges, Tables, Matrix like Bubble chart, Pie Chart, Line chart, Area chart, Scatter Plot, Tree map, Heat map, Bar chart, etc.
- Provided support for report-related issues, including data discrepancies, visualization problems, and performance concerns.
- Utilized advanced Power BI features, such as drill through, drill-up, drill-down, Bookmarks, Slicers, Filters, Sync-Slicers, Performance Analyzer, Parameters, edit interactions etc.
- Engaged in continuous improvement practices by evaluating new Power BI features and incorporating them to enhance reporting capabilities.
- Successfully trained and support users in adopting Power BI reports.

Project Title	:	Gallagher North America, Inc.: SOW#9 HCM Analytics Managed Services
Client	:	Arthur J. Gallagher
Role	:	Power BI Developer
Duration	:	Aug-2021 to Apr-2024 (**KPI Partners**)
Skills	:	Power BI, Microsoft Azure, OACS, BI Publisher, OTBI, Oracle DV, ODI.

Description

Gallagher is a Global Business Insurance, risk management and consulting services company offering clients and customer Innovations.
Responsibility is migrating the Oracle Fusion data into Azure cloud environment using Data Bricks (ELT) and made the reports and dashboards using the Power BI.

Responsibilities

- Designed and implemented a new Snowflake data model (Facts & Dimensions) in the Power BI, optimizing performance and enhancing data accessibility.
- Worked with table and matrix visuals, worked with different level of filters like report level, visual level filters, page level filters.
- Developed interactive analysis reports and dashboard using Fact and Dim tables, Create DAX Queries to generated computed columns in power bi.
- Successfully migrate the mappings from the ODI / Oracle fusion to the Azure data lake.
- Successfully migrate all the Oracle DV and OBIEE reports from OACS to the Power BI Desktop.
- Successfully migrate the OTBI, Data model reports from the fusion application using Power BI and report builder.
- Developed various reports and pages by using the Charts, Gauges, Tables, Matrix like Bubble chart, Pie Chart, Line chart, Area chart, Scatter Plot, Tree map, Heat map, Bar chart, etc.
- Customized dashboards and reports based on user roles and preferences, enhancing user engagement and satisfaction.
- Implemented several DAX functions for various fact calculations for efficient data visualization.
- Created interactive and informative Power BI reports using advanced DAX features.
- Provided the row-level security to the users based upon the user's hierarchy.
- Worked with complex queries for business in the DAX Studio, and Power BI Report Builder.
- Optimizing the DAX queries for better performance of the reports/dashboards.
- Utilized advanced Power BI features, such as drill-through, slicers, filters, Parameters to improve the user experience.
- Engaged in continuous improvement practices by evaluating new Power BI features and incorporating them to enhance reporting capabilities.
- Conducted data analytics and generated valuable insights to drive informed decision-making.
- Successfully trained and support users in adopting Power BI reports.

Project I

Project Title	:	UGM Health
Client	:	NYU Langone Hospitals, New York, N.K
Role	:	Machine Learning Intern
Duration	:	Oct-2021 to May-2021 (**Surya Informatics Pvt. Ltd**)
Skills	:	Machine Learning, Python, Power BI, Oracle SQL

Description
UGM Health is a health domain sector in which maintains patient's details made the consulting services.

Responsibilities

- Requirements gathering and Design Technical Documents based on the Functional requirements to meet the Clients expectations.
- Extracting the Data from the oracle database using the Oracle SQL.
- Made the Exploratory Data Analysis using the python packages like Pandas & NumPy.
- Basic data visualization using the Seaborn and Matplotlib python packages.
- Gain more insights from the data using the Microsoft Power BI for better graphical analysis.
- Used the python libraries like Sklearn, Keras for model building.
- Continuously monitored model performance and updated it as needed to maintain accuracy and relevance.
- Documented the entire process to ensure reproducibility and transparency.
- Build the machine learning model using the various algorithm's that includes Support Vector Machine, Gradient Boosting Regressor, K-Nearest Neighbor, Random Forest, Decision Tree, ANN.
- Used the various types of the metrics for data model evaluation.