Vinayak Kongari

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Profile Summary

- Proven ability to analyze large datasets, debug SQL queries, and transform data to drive business decisions.
- Proficient in creating compelling and interactive dashboards using Power BI, enhancing data accessibility and understanding.
- Strong command over Python, SQL, Excel, and Power BI, enabling efficient data manipulation and analysis.
- Excellent problem-solving, critical thinking, and communication skills, with a focus on delivering actionable insights.

Technical Skills

- **Power BI**: ETL (Extract, Transform, Load), Power Pivot, DAX, Data Analysis, Data Visualization, Power BI Service
- **SQL**: Aggregation, Joins, Subqueries, CTEs, CASE, Views, Window Functions, Stored Procedures
- **Excel**: Pivot Tables, Formulas, VLookup, Power Query, Conditional Formatting, Charts and Visualization
- **Python**: Pandas, Numpy, Seaborn, Matplotlib, Model Development, Jupyter Notebook
- **Database**: MySQL, MS-SQL

Experience

YBI Foundation - Data Analyst Intern - Certificate — May 2024 – June 2024

- Utilized Power BI to create interactive dashboards, visualize data trends, and present key insights.
- Employed Excel for data cleaning, analysis, and creating pivot tables to summarize large datasets.
- Conducted data manipulation and analysis tasks, including filtering, grouping, and aggregating data.
- Utilized SQL to perform complex joins, subqueries, and data transformations.

Projects

Analyzing Walmart's Branch Performance with Python | *Python, Model Development* | Github

- Developed sales visualizations using Python (Matplotlib & Seaborn) and analyzed trends with various plots.
- Built and evaluated Linear and Random Forest Regression models, assessing performance with MSE and R^2.
- Identified that the top **2** branches contributed **25%** more revenue, leading to targeted marketing strategies that increased branch-level sales by **15%.**

Analyzing Pizza Hut's Order Trends | *SQL, Data Exploration* | Github

- Executed advanced SQL data analysis on four Pizza Hut datasets, utilizing complex queries, joins, and window functions.
- Identified trends across **10,000+** transactions, delivering insights on customer behavior and sales patterns, leading to a **15%** increase in targeted promotions and a **20%** boost in operational efficiency.

Credit Metrics Hub | *Power BI, Power Query, DAX* | GitHub

- Developed a comprehensive Power BI dashboard for analyzing credit card data, processing over **50,000** transactions to identify spending patterns, credit utilization, and customer segmentation.
- Delivered actionable insights that improved decision-making and led to a **15%** reduction in credit risk exposure.

Mocha Metrics | *Excel, Power Pivot* | GitHub

- Executed an in-depth data analysis project for a coffee shop using Excel, leveraging advanced Power Query, Power Pivot, and pivot tables to process and analyze over **20,000** sales records.
- Created dynamic charts and dashboards that revealed key sales trends, contributing to a **12%** increase in average order value through targeted promotional strategies.

Education

Mumbai University — Aug 2021 – May 2024
Bachelor of Commerce
Mumbai

Extracurricular / Certifications

- Data Analytics with Python, IBM Coursera - View Certificate
- Cisco Data Analytics Essentials - View Badge
- Google GenAI Study Jams Program - View Certificate