AKASH U

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SQL Developer | Data Analyst | Power BI Certified (PL-300)

Skilled in MySQL, Python, ETL Pipelines, and Data Visualization

Professional Summary

Junior Data Analyst with hands-on experience in collecting, cleaning, and preparing data for analysis and reporting. Proficient in Excel, SQL, and Power BI for identifying trends and anomalies using techniques rooted in statistics and exploratory data analysis. Skilled in supporting report creation, documenting processes, and ensuring data accuracy across workflows. Experienced with ETL processes, data modeling, and dashboard development. Detail-oriented, eager to learn, and passionate about delivering actionable insights in a collaborative environment.

Technical Skills

- Languages/Tools: Python (Pandas, NumPy, Matplotlib), MySQL, SQL, Regex
- Database: Query Optimization, Joins, Subqueries, Stored Procedures, Triggers
- BI Tools: Power BI (DAX, KPIs), Tableau
- Other: ETL Processes, Data Cleaning, Data Modelling, Microsoft Excel, Jupyter Notebook

Projects

Spotify SQL Data Pipeline

Tools: Python, Spotipy, MySQL, Regex, Matplotlib

- Developed an automated ETL pipeline to extract and analyze track metadata from the Spotify API using Python.
- Applied Regex to dynamically extract Spotify track IDs from URLs, reducing manual parsing time by 90%.Inserted over 200+ cleaned records into a MySQL database using parameterized queries for security and accuracy.
- Created data visualizations in Matplotlib to interpret track popularity and duration metrics.

Zomato Restaurant Data Analysis

Tools: Python, Pandas, Power BI, Excel, DAX

- Cleaned, transformed, and modeled data from 149+ restaurants for dashboard-ready analysis.
- Built an interactive Power BI dashboard analyzing ratings, order behavior, and pricing tiers.
- Identified that less than 40% of restaurants supported online ordering, helping improve delivery strategy.
- Supported report creation for stakeholders with actionable insights.
- Maintained data accuracy and documented ETL and modeling processes.

Education

B.E. Electrical and Electronics Engineering Panimalar Engineering College, Chennai (2021 – Expected Mar 2025)

Higher Secondary Certificate

Holy Prince Matriculation Higher Secondary School – 71% (Apr 2021)