

ABHINAV KUMAR

Bangalore, KA | +91 9003217141 | ab.abhinavkumar@gmail.com | [linkedin.com/in/abhinav-k18](https://www.linkedin.com/in/abhinav-k18)

WORK EXPERIENCE

Tata Consultancy Services

Data Analyst

March 2024 – current

Sector: Banking and Finance

- Improved reporting accuracy to 99% by engineering an automated ingestion pipeline using Azure SQL DB and Power Query; the system processes and standardizes 100k+ daily records, creating a scalable foundation for self-service BI.
- Architected a scalable analytical model in Power Pivot using a Snowflake schema, accelerating DAX measures performance across 150k+ rows to deliver near-real-time reporting capabilities to business users.
- Reduced manual reporting effort by 40% (saving 15+ hours weekly) by optimizing Power BI workflows with query folding, parameterized queries, and incremental refresh, enabling timely delivery of enterprise dashboards to senior leadership.
- Managed audit-readiness documentation and enforced data-leakage prevention protocols, ensuring full compliance with governance standards.

Tata Consultancy Services

Dashboard Analytics

May 2021 – Feb 2024

Sector: Energy

- Maintained 99% uptime for BI applications by monitoring servers/services and proactively resolving performance issues.
- Validated data accuracy and optimized dashboard performance in SQL server, reducing load times by 30%.
- Orchestrated data pipelines in azure data factory (ADF) to pull vendor + transaction data into azure SQL DB, then modeled it in a snowflake schema for seamless power bi reporting.

PROJECTS

Data Analysis-Job Market Analysis

Sql, Postgresql

- Analyzed 10k+ job listings to pinpoint remote roles with salaries up to \$650k, informing targeted application strategy.
- Delivered actionable insights into job market trends, leveraging data aggregation and filtering techniques.
- Applied CTEs and subqueries to extract and analyze high-value patterns in financial datasets.

Exploratory Data Analysis

Python (Pandas, Matplotlib, Seaborn), Jupyter notebook

- Visualized key parameter relationships with matplotlib/seaborn, revealing top customer segments across 5 regions.
- Conducted in-depth analysis to drive actionable conclusions on target customers across different regions.
- Generated actionable insights from EDA to identify high-potential customer groups, facilitating targeted sales.

Data visualization using Power BI

Power query, DAX, Data Modeling

- Developed ETL workflows using Power Query for data efficiency.
- Utilized DAX for calculated fields and measures, enabling advanced analysis.
- Built scalable ETL pipelines in Power Query, reducing data prep time by 50%.

TECHNICAL SKILLS

Languages:

Python (pandas), SQL (advanced queries, stored procedures)

Developer tools:

VS code, SSMS, Power BI, Postman, Jupyter notebook

Technologies:

Relational databases (oracle, MySql, SQL server), Excel/VBA

Data Techniques:

ETL, Data analytics, Data Visualization, MS excel, Data Modeling

EDUCATION

SRM Institute of Science and Technology

2016 – May 2020

B.Tech in Computer Science and Engineering Chennai, TN

June

CERTIFICATIONS

- Google Analytics Certification (October 2023)
- Udemy BI Data Analyst Associate