

ABHINAV KUMAR

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WORK EXPERIENCE

Tata Consultancy Services

March 2024 – Current

Data Analyst

Canada Imperial Bank of Commerce

- **Data Cleaning and Transformation:** Processed and structured raw data to ensure accuracy and consistency for reporting using advanced Excel functions, including VLOOKUP, INDEX-MATCH, and nested formulas.
- **Optimization Initiatives:** Proposed and implemented enhancements to the reporting workflow, reducing manual processing time by 20% through formula optimization and automation techniques.
- **Data Visualization & Stakeholder Communication:** Developed dynamic and visually compelling reports for senior leadership, incorporating pie charts, tabular graphs, and pivot tables to showcase the distribution and progression of IDs across workflow stages. Enabled business users with self-service BI by designing reusable datasets, certified dashboards, and training materials. Created optimized semantic models with star schemas and calculated tables to support fast self-service analytics in Power BI. Exploring Power BI REST APIs to enable report refresh automation, access control, and embedded analytics prototypes
- **Audit Readiness & Data Protection:** Led the preparation and maintenance of audit readiness documents while implementing data leakage prevention (DLP) strategies. Collaborated with global teams to implement data analytics solutions, attending cross-functional calls and providing regular status updates.

Tata Consultancy Services

May 2021 – November 2023

Dashboard Analytics

South 32

- **Risk Mitigation:** Accountable for ensuring the continuous operation of critical applications vital to client operations, involving the management of servers and services supporting business intelligence (BI) report generation.
- **Trend Analysis and Azure SQL:** Created new Power BI dashboard for warehouse report and deployed it for purchasing team which helps them to determine the best vendors price for purchasing and helps them to analyze the market trend and cost saving. Familiar with Azure SQL and ADF pipeline integration concepts
- **Database Management:** Responsibilities extended to verifying the accuracy of displayed values, monitoring dashboard loading times, and promptly addressing any discrepancies using SQL Server

TECHNICAL SKILLS

Languages: Python (Pandas), SQL (Advanced Queries, Stored Procedures)

Developer Tools: VS Code, SSMS, Power BI, Postman, Jupyter Notebook

Technologies/Frameworks: Relational Databases (Oracle, MySQL, SQL Server), Excel/VBA

Data Techniques: Extract Transform and Load, Data Analytics, Data Visualization, MS Excel, Data Modelling

PROJECTS

Data Analysis Job Market Analysis | SQL, PostgreSQL

January 2021

- Identified remote roles offering salaries up to \$650,000.
- 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, simulating transaction monitoring scenarios.
- Executed complex queries, merged tables and used employee aggregate functions to derive actionable insights.

Exploratory Data Analysis using PANDAS —Python, Jupyter notebook

November 2022

- Used Matplotlib and Seaborn libraries to visualize relationships between various parameters such as age, gender, state, marital status.
- Conducted in-depth analysis to drive actionable conclusions on target customer segments across different regions.
- Generated insights from EDA to identify high potential customer groups in specific regions, facilitating targeted sales and promotional strategies for revenue growth.

Data Visualization using Power BI | Power query, DAX, Data Visualization

October 2023

- Developed ETL workflows using Power Query for data efficiency.
- Utilized DAX for calculated fields and measures, enabling advanced analysis.
- Designed relational data models with cardinality relationships for efficient data analysis.

EDUCATION

SRM Institute of Science and Technology. June 2016 – May 2020

BTech in Computer Science and Engineering Chennai-TN

CERTIFICATIONS

• **[Google Analytics]** (View Credential)

• **[Power BI-Data Analyst]** (View Credential)