

Akshata Gurayya Annigeri

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Summary

Data professional with 3+ years of experience delivering strategic insights and data-driven decisions. Proficient in SQL, Python, and Excel, specializing in data visualization. Effective communicator, skilled at managing complex datasets and driving informed decision-making.

Work Experience

Data Analyst - Tata Consultancy Services - Bangalore, India

Sep 2018- Jan 2022

- **Managed data operations** for an online platform of a leading USA-based bank with over a million customers. Developed **data models and ETL processes**, which reduced **processing times by 20%** and **improved accuracy by 40%**.
- Analyzed financial and banking sector databases containing over 10 million records to facilitate **in-depth analysis** of customer service issues, enhance **fraud detection**, and **improve resolution rates by 25%**, reducing escalations and documenting solutions.
- Built **interactive dashboards** that provided **actionable insights** into performance metrics, contributing to a **35% improvement in operational efficiency** by visualizing key areas of improvement for leadership.
- Directed **10+ AD-HOC** projects to address **client needs**, collaborated with cross-functional teams to identify **strategic priorities**, and executed **data-driven solutions**, achieving a **25% improvement in fraud detection**.
- Led a team in planning and conducting **15+ knowledge transfer sessions** to train 6 new team members, ensuring smooth onboarding and **knowledge sharing**.

Application Developer (Data & Analytics) - IBM - Bangalore, India

Jan 2022- Jul 2022

- **Orchestrated data analysis** for a prominent **telecom company**, the 12th largest mobile telecommunications network globally, to gather insights into **client requirements** for web-based services and **enhance operational efficiency**.
- Implemented solutions that **reduced backend processing time by 51%** and **developed SOAP-based web services**, improving **communication** and cutting requirements **clarification time by 40%**.

Projects

- Led a strategic inventory optimization project for e-commerce success by integrating Python libraries, performing market basket analysis, and designing a Tableau dashboard with actionable insights for stakeholders. [Project link](#)
- Executed an e-commerce KPIs analysis project using SQL and Power BI, focusing on key metrics such as Profit Margin, % YoY Sales Growth, and % YoY Profit Margin Growth. The analysis included discount strategies with Profit Discount Ratio and Volume of Sales, along with identifying Best-Selling Market categories by sales volume. [Project Link](#)
- Crafted Power BI dashboards for UK railway route and revenue analysis, using Excel for data preprocessing and DAX for advanced KPIs, improving decision-making and insights. [Project link.](#)

Skills

- **Coding Languages:** Python, SQL, R, Unix, C, C++, Java
- **ML and Statistical Techniques:** Linear Regression, Logistic Regression, Decision Tree, Clustering, NLP & Lexical Processing, Time Series forecasting, KNN, Naive Bayes, K-means, Hypothesis testing, Classification, A/B Testing, Market Intelligence, Feature Engineering, Strategic Planning, Competitive Analysis.
- **Packages/Tools:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Ggplot2, Pyspark, MS Excel, Git.
- **Data visualization:** Microsoft Power BI, Tableau, Matplotlib, Seaborn, Plotly, Excel PowerPivot.
- **Database Management & ETL:** SQL Server, MySQL, Oracle, ETL Processes, Data Warehousing, Data Lakes.
- **Big Data & Cloud:** Apache Spark, PySpark, AWS, Azure.
- **Data Integration & Processing:** Linux, IBM DataPower, XML, JSON, SOAP, XSLT.
- **Methodologies:** SDLC, Agile, Waterfall.

Education

- **MS in Data Analytics** McDaniel College | Maryland, USA **Aug 2023 — Present**
- **Executive Post Graduate Diploma in Data Science (Business Intelligence and Data Analytics)** **Feb 2022 — Nov 2023**
International Institute of Information Technology | Bangalore, India
- **Bachelor's in engineering (BE)** in Electrical & Electronics **Jun 2014 — Jun 2018**
KLS Gogte Institute of Technology | Belagavi, India.

Certification

Completed **Python for Data Analysis & Visualization** (Master the main data analysis and visualization libraries in Python: Numpy, Pandas, Matplotlib, Seaborn, Plotly + more) course in Udemy.