

# SUBRAMANYA K N

Data-Driven Problem Solver | Transforming Data into Decisions

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## PROFESSIONAL SUMMARY

Analytical and detail-oriented professional with a solid foundation in Statistics and Data Science. Skilled in Python, SQL, Power BI, and Excel with hands-on experience in analyzing, visualizing, and interpreting complex datasets. Adept at applying statistical modeling, machine learning, and data-driven storytelling to improve decision-making and business performance.

## TECHNICAL SKILLS

Programming & Libraries: Python (Pandas, NumPy, Scikit-learn, TensorFlow), R  
Databases: MySQL, PostgreSQL  
BI & Visualization: Power BI, Tableau, Excel (PivotTables, VLOOKUP, Charts)  
Machine Learning: Regression, Classification, Clustering (K-Means, KNN), Time Series  
Statistics & Analytics: EDA, Hypothesis Testing, Data Modeling, Correlation Analysis  
Tools: Git, Jupyter Notebook, MS Office Suite

## PROFESSIONAL EXPERIENCE

Process Executive — Infosys BPM Ltd | Feb 2025 – Present | Mysore, India

- Conduct data validation, reconciliation, and adjustment across large financial datasets for a U.S. banking client.
- Analyzed transactional discrepancies and optimized reporting workflows to improve accuracy and compliance.
- Leveraged SQL and Excel to identify root causes and streamline data tracking and auditing processes.
- Collaborated with cross-functional teams to create data-driven process improvements and enhance efficiency.
- Built internal dashboards to convert operational data into measurable performance metrics.

## CASE STUDY EXPERIENCE

Data Analytics Simulation — Accenture (Forage Virtual Internship)

- Performed end-to-end data analysis for a simulated business problem using Excel and Power BI.
- Cleaned and visualized datasets to identify customer behavior patterns and key operational gaps.
- Presented insights and strategic recommendations to improve data-based decision-making.

## PROJECTS

Blinkit Sales Performance Dashboard (Power BI): Built an interactive dashboard to analyze total sales, outlet performance, and customer ratings. Derived insights on how outlet size and location influence total sales using DAX and Power Query.

AI-Powered Stock Price

Forecasting (Python): Developed forecasting models (Linear Regression, Random Forest, LSTM) to predict stock prices. Automated data preprocessing and evaluated model accuracy using RMSE and  $R^2$  metrics.

Customer Segmentation using K-Means (Python): Applied

K-Means clustering to segment customers based on buying patterns and behavior. Provided actionable insights for targeted marketing and retention strategies.Flipkart SQL Case Study

(MySQL): Wrote advanced SQL queries to extract e-commerce analytics, track high-performing products, and uncover sales trends. Cleaned and aggregated data to support business insights.

## EDUCATION

Master of Science (M.Sc.) in Statistics — University of Mysore | Feb 2022 – Jun 2024Bachelor of Science (B.Sc.) in Statistics — University of Mysore | Jul 2018 – Oct 2021

## CERTIFICATIONS

- Data Analyst Expert — Cisco- SQL (Intermediate) — HackerRank- Data Analytics using Power BI — Tata Forage- Data Analytics Virtual Internship — Accenture

## ACHIEVEMENTS

- Presented a seminar on Predictive Analytics in E-Commerce (University Event, 2023).- Recognized for analytical problem-solving and team collaboration at Infosys BPM.