SANTOSH ROTTAYYANAVAR
Data Analyst

✉ santoshrottayyanavar81@gmail.com
📞 7892468751
in LinkedIn
 Github
 Portfolio
📍 BTM Layout 1st Stage, Bengaluru.

PROFESSIONAL SUMMARY

Results-driven Data Analyst with 3+ years of hands-on experience in analyzing and visualizing large datasets to uncover actionable insights and drive business growth. Expert in Microsoft Excel (Power Query, Power Pivot, VBA), Power BI, Tableau, SQL, Python, and Statistics. Skilled in data visualization, statistical analysis, automation, and creating interactive dashboards across tools like Excel and Google Sheets. Adept at collaborating with cross-functional teams to support data-driven decision-making in dynamic, mission-driven environments. Passionate about leveraging analytical skills to deliver impact in domains such as HR, Finance, Education, and Healthcare.

WORK EXPERIENCE

Nowon Technologies, Bangalore, Karnataka.
Data Analyst
February 2023 - Precent

- Conduct in-depth analysis of large datasets to derive actionable insights that drive strategic business decisions and improve operational processes.
- Utilize tools such as Power BI, SQL, and Tableau to create interactive dashboards and visualizations, enabling stakeholders to monitor key performance indicators and make informed decisions.
- Collaborate with cross-functional teams to identify data quality issues, ensuring data integrity and consistency across various platforms.
- Automate data collection and reporting processes to enhance efficiency, reducing reporting time by 25% and increasing overall productivity.
- Perform statistical analysis to identify trends and patterns, providing recommendations that lead to improved business outcomes.
- Develop and implement data management strategies that optimize data storage, retrieval, and accessibility, resulting in a 20% improvement in data efficiency.
- Support data-driven decision-making by delivering comprehensive reports and presentations that communicate insights to both technical and non-technical audiences.

Amer(UID Smart Services), Dubai, United Arab Emirates.
Junior Data Analyst
February 2022 - February 2023

- Conducted data analysis on customer service operations and immigration processes, providing actionable insights to enhance service efficiency and customer satisfaction.
- Utilized SQL and Excel to extract, transform, and analyze large datasets, identifying trends that led to a 15% reduction in processing time for immigration service applications.
- Developed interactive Power BI dashboards to visualize key metrics, such as service completion rates, average handling time, and customer satisfaction scores, enabling real-time monitoring and data-driven decisions.
- Collaborated closely with cross-functional teams to identify data quality issues, ensuring the integrity and accuracy of records across various platforms.
- Optimized document management systems, streamlining data storage and retrieval processes, resulting in a 20% improvement in data accessibility and management efficiency.
- Automated repetitive data entry tasks and created custom reporting templates, reducing reporting time by 25%.
- Skills Used: SQL, Excel, Power BI, Data Cleaning, Data Visualization, Process Optimization, Cross-functional Collaboration.

TECHNICAL SKILLS

- **Data Analysis Tools:** Power BI, Advanced Excel, Power Query, Power Pivot, Tableau, Google Sheets.
- **Data Visualization & Reporting:** Reports, Dashboards, Statistical Analysis, EDA.
- **Data Processing:** Pivot Tables, XLOOKUP, INDEX-MATCH, Dynamic Arrays.
- **Programming Languages:** Python, SQL, VBA.
- **Tools:** Microsoft Office
- **IDE'S:** Jupyter Notebook, VS Code, Google colab, Pycharm.
- **Soft Skills:** Problem-solving, Communication, Team Collaboration.

EDUCATION

BACHELOR OF COMPUTER APPLICATION
KUD University, Dharwad
June 2017 – September 2020
Relevant Coursework: SQL

PUC
Commerce
R L S COMP PU College, Dharwad
March 2017

PROFESSIONAL DEVELOPMENT

Data Analyst Course at ExcelR Solutions
February 2023 – May 2023
Data Analyst Course at Udemy
February 2023 – May 2023

CERTIFICATIONS

- Data Visualization Certificate from IBM
  December 2023
- Internship Certificate from MeriSKILL
  November 2023
- Internship Certificate from AI Variant
  October 2023
- Data Analyst Certification from ExcelR Solutions
  June 2023

INTERNSHIP PROJECTS

Data Analyst Intern - MeriSKILL, Noida, UP.

ELECTONIC SALES DATA ANALYSIS

October 2023 – November 2023

- Ingested and pre-processed a dataset of 90,000 records provided in Excel, leveraging Python's Pandas to clean and validate the data, ensuring 98% data consistency and reducing errors by 25%.
- Applied statistical techniques for data profiling and outlier detection, improving data accuracy by 15% before conducting further analysis.
- Performed exploratory data analysis (EDA) using advanced visualizations with Matplotlib, Seaborn, and Plotly, revealing key trends in sales and customer behavior, contributing to a 20% improvement in sales forecasting accuracy.
- Transformed and loaded the cleansed dataset into Power BI, creating dynamic, interactive dashboards that enhanced stakeholder comprehension by 35%, enabling more informed, data-driven business decisions.

Data Analyst Intern - AI Variant, Bangalore.

HUMAN RESOURCE ANALYSIS

July 2023 – October 2023

- Extracted and ingested over 15,000 HR records from Excel for analysis, utilizing ETL processes to ensure data integrity.
- Cleaned and transformed the dataset using Power Query and Power BI, achieving a 35% improvement in data accuracy and consistency.
- Conducted data analysis and visualized HR programs and attrition rates, effectively communicating insights to key stakeholders.
- Leveraged SQL for complex queries and data validation, delivering actionable insights to optimize HR strategies.

BANK LOAN ANALYSIS

April 2023 – July 2023

- Ingested two large datasets from Excel CSV format, containing 307,511 and 1,670,214 records, respectively, into Python for pre-processing and data wrangling.
- Cleaned and transformed the datasets using Python's Pandas, applying statistical techniques to detect anomalies and ensure data consistency, improving data quality by 22%.
- Conducted exploratory data analysis (EDA) by generating insightful visualizations with Matplotlib and Seaborn, uncovering key loan trends and customer risk segments.
- Loaded the processed datasets into Tableau, where interactive dashboards were designed to provide stakeholders with clear, actionable insights, improving decision-making efficiency by 30%

ACHIEVEMENTS

HackerRank

- 5 Star Gold badge in SQL
- 5 Star Gold badge in Python

LANGUAGES

- Kannada (Native)
- English (Proficient)
- Hindi (Proficient)