

# SANTOSH ROTTAYYANAVAR

Data Analyst

## PROFESSIONAL SUMMARY

Results-driven Data Analyst with 2+ years of hands-on experience in analyzing and visualizing large datasets to uncover actionable insights and drive business growth. Expert in Microsoft Excel (Lookups, Power Query, Power Pivot, Macros), Power BI, Tableau, SQL, Python, and Statistics. Skilled in data visualization, statistical analysis, automation, and developing interactive dashboards using Excel and Google Sheets. Adept at collaborating with cross-functional teams to support data-driven decision-making in dynamic, mission-oriented environments. Passionate about leveraging analytical expertise to deliver measurable impact across domains such as HR, Sales, Finance, and Healthcare.

## WORK EXPERIENCE

### Nowon Technologies, Bangalore, Karnataka.

#### Data Analyst

February 2023 - Present

- Analyzed large datasets using Python, SQL, and statistical techniques to uncover trends and deliver insights that improved operational processes and business outcomes.
- Built interactive dashboards in Power BI, Tableau, and Excel to visualize KPIs and support data-driven decision-making for stakeholders.
- Collaborated with cross-functional teams to resolve data quality issues, enhancing data integrity and reporting accuracy.
- Automated recurring reporting and data transformation processes using Python and Excel macros, reducing reporting time by 25% and increasing productivity.
- Performed statistical analysis to identify patterns, correlations, and anomalies, translating findings into actionable business recommendations.
- Developed and implemented data management strategies to optimize data storage, retrieval, and efficiency by 20%.
- Delivered clear and concise reports and presentations to both technical and non-technical audiences, enabling informed decision-making across departments.

### Amer(UID Smart Services), Dubai, United Arab Emirates.

#### Document Controller

February 2022 - February 2023

- Worked under an immigration officer at Amer, UID Smart Services, Dubai.
- Managed and controlled confidential documents related to visa and immigration processes.
- Verified accuracy of Emirates ID applications, visa forms, and passport documents.
- Maintained a well-organized filing system for quick access and retrieval.
- Ensured compliance with UAE immigration laws and document handling protocols.
- Streamlined documentation workflows, reducing processing time by 20%.

## INTERNSHIP PROJECTS

### Data Analyst Intern - MeriSKILL, Noida, UP.

#### ELECTRONIC 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.

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 LinkedIn

 GitHub

 Portfolio

 BTM Layout 1st Stage, Bengaluru.

## 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, Power Query, XLOOKUP, INDEX-MATCH.
- Programming Languages:** Python, SQL.
- Tools:** Microsoft Office
- IDE'S:** Jupyter Notebook, VS Code, Google colab, Pycharm.
- Soft Skills:** Problem-solving, Communication, Team Collaboration.
- Domain Adaptability:** Proven experience analyzing datasets in HR, Sales, Finance, and Healthcare domains with transferable skills applicable to insurance, compliance, and risk management.

## 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

## CERTIFICATIONS

- Data Visualization Certificate from IBM  
*December 2023*
- Internship Certificate from MeriSKILL  
*November 2023*
- Internship Certificate from AI Variant

- 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%

*October 2023*

- Data Analyst Certification from ExcelR Solutions  
*June 2023*

#### **ACHIEVEMENTS**

##### **HackerRank**

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

#### **LANGUAGES**

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