SANTOSH ROTTAYYANAVAR

Data Analyst

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PROFESSIONAL SUMMARY

Results-driven Data Analyst with a strong background in analyzing large datasets to derive actionable insights and drive business growth. Skilled in data visualization, statistical analysis, and creating interactive dashboards. Proficient in Power BI, Tableau, MS Excel, Google Sheets, Python, Statistics, and SQL. Eager to contribute to meaningful projects and support data-driven decision-making in dynamic, mission-driven environments. Passionate about leveraging analytical skills to work on impactful projects in industries such as IoT, education, healthcare, and decarbonized transportation.

PROFESSIONAL EXPERIENCE

DATA ANALYST - 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 - 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%.

TECHNICAL SKILLS

- **Data Analysis Tools:** Power BI, Advanced Excel, Tableau, Google Sheets
- **Data Visualization & Reporting:** Dashboards, Statistical Analysis, EDA
- **Programming Languages:** Python, SQL
- **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

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

ACHIEVEMENTS

HackerRank

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

LANGUAGES

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

DATA ANALYST - Amer(UID Smart Services), Dubai.

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