

Aneesh Kumar

Data Analyst

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Professional Summary

Detail-oriented and highly analytical professional with 5+ years of experience in network engineering and a passion for transitioning into data analytics. Skilled in data manipulation, statistical analysis, and data visualization using tools such as Python, SQL, Excel, and Tableau. Adept at transforming complex data into actionable insights to drive decision-making. Seeking to apply my technical skills, problem-solving abilities, and passion for data analysis in a Data Analyst role.

Professional Experience

Data Analyst (Project Work) Remote | Nov 2024 – Present

Project 1: Tender Price Optimization

Business Problem: To minimize potential losses in profit margins by developing a data – driven pricing strategy.

Business Solution: We collected the data from different research paper source and with data preprocessing process used different tools to clean the data using python, SQL, EDA by doing this process and proceeded with data analysis using Power BI and Tableau.

Technology Stack: Database: SQL, EDA, python **Tools used:** Tableau, Power BI Desktop, Jupiter, Goggle Collab, Spyder, Advanced Excel.

Business Benefits:

- Increasing profit margins by at least 5% through more accurate pricing strategies and reduced bid rejections.
- Worked on data analysis projects, cleaning and processing data using Python (Pandas, NumPy) and SQL to derive insights from raw data.
- Conducted exploratory data analysis (EDA) on datasets to uncover trends, correlations, and outliers, providing actionable insights.
- Developed data visualizations and dashboards in Tableau to effectively communicate key performance metrics to clients.
- Automated data processing tasks using Python scripts to save time and increase efficiency in report generation.
- Assisted businesses in optimizing operational processes by performing data-driven analysis and making recommendations based on findings.

Key Skills & Competencies

- **Data Analysis:** Strong experience in cleaning, transforming, and analysing large datasets using Python (Pandas, NumPy), SQL, and Excel.
- **Data Visualization:** Proficient in visualizing data and creating dashboards using tools such as Tableau, Power BI, and Excel.
- **Statistical Analysis:** Knowledge of statistical methods for data analysis and hypothesis testing, applied to improve business processes.
- **SQL & Database Management:** Expertise in querying, joining, and aggregating data from relational databases (MySQL).
- **Business Intelligence:** Ability to derive insights from data and communicate findings through clear, concise reports and visualizations.
- **Python for Data Science:** Proficient in data analysis with Python libraries (Pandas, NumPy), including automation of data pipelines and data manipulation.
- **Problem Solving & Critical Thinking:** Strong analytical thinking and problem-solving skills to derive actionable insights and optimize processes.
- **Data-Driven Decision Making:** Ability to use data insights to make informed business decisions and optimize operational strategies.

Networking Experience

Friends Business Intelligence | Apr 2020 – Apr 2024

- Worked as a Network Engineer and the Responsibilities are Configuration and Troubleshooting of Routers, Switches and Protocols. RF devices configuration and installation.

Nanjil Internet Services Pvt Ltd | Nov 2018 – Mar 2020

- Worked as a Network Engineer and the Responsibilities are Network Monitoring and Maintenance, LAN/WAN Management, Broadband Installation.

Education

- **Bachelor of Engineering (BE) in Computer Science and Engineering**
Universal College of Engineering and Technology, Tamil Nadu | 2014 – 2017, Under Anna University.
- **Diploma in Computer Science and Engineering**
Noorul Islam Polytechnic College, Tamil Nadu | 2011 – 2014, Under DOTE Chennai.
- **Secondary School Leaving Certificate**
Government Vocational Higher Secondary School, Kerala | 2009
Under Board of Public Examinations, Kerala.

Certifications

- NASSCOM Certificate Course on Data Science
- Data Visualization Using Tableau
- Data Science using Python & R Programming
- Basic course on SQL
- Data Visualisation using Power BI and Tableau
- Cisco Certified Network Professional (CCNP)
- Cisco Certified Network Associate (CCNA)
- Red Hat Certified Engineer (RHCE)

Languages : English, Malayalam, Tamil