

ANIRUDH A S

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SKILLS

Technical Skills	Advanced Excel, Power BI, Tableau, Machine learning, Power point, Statistics
Programming	Python, SQL
Libraries	NumPy, Pandas , Matplotlib, Seaborn, Scikit-Learn
Languages	English, Hindi, Malayalam

EDUCATION

B.Tech Electronics And Communication Engineering, College Of Engineering Muttathara 2018-2022
CGPA - **8.12**.

Higher Secondary Biology Science, St Johns Model Higher Secondary School 2016-2018
Percentage - **81**.

Matriculation - CBSE, St Josephs English Senior Secondary School Muttada 2016
CGPA - **9.6**.

PROJECTS

E-Commerce Sales Insights Dashboard (Excel,Power Bi,SQL)

Built an E-commerce Sales Dashboard in Power BI, analyzing over **9,000+ rows** of data to visualize sales trends, customer behavior, and product performance.

Utilized PostgreSQL for ETL to clean and transform raw sales data, resolving issues like date formatting and encoding errors.

Applied advanced Excel functions and Power BI DAX to create interactive reports with dynamic filters, enabling data-driven decision-making.

Streamlined reporting processes, reducing analysis time by **30%**, enabling faster insights and data-driven decision-making.

HR Analytics Dashboard (Power BI)

Analyzed HR data for over **200 employees**, tracking metrics such as **performance ratings, attrition rates, and workforce demographics** to identify key trends and opportunities.

Reduced manual reporting time by **40%** through automation in Power BI, enabling faster and more efficient HR decision-making.

Enhanced employee retention strategies, contributing to a projected **10% improvement** in employee engagement and satisfaction through data-driven insights.

Heart Disease Prediction using Machine Learning (Python)

Built a machine learning model to predict heart disease with an **accuracy score of 80%**, leveraging Python libraries like **Pandas, Scikit-learn, and Matplotlib**.

Analyzed **500+ medical records** to identify critical health factors influencing heart disease, leading to actionable insights for healthcare interventions.

E-commerce Sales Analysis (Power BI & Python)

Developed an interactive e-commerce sales dashboard in Power BI, integrating Python for advanced data visualization.

Leveraged Python scripting for custom visualizations to enhance data insights on sales performance, customer segmentation, and product trends.

Conducted data cleaning, transformation, and analysis using Power Query and DAX functions.

Employee Attendance Register (Excel)

Developed an automated employee attendance tracking system in Excel.

Streamlined data entry and reporting using advanced Excel formulas and automation.

Implemented conditional formatting to monitor attendance, leaves, and punctuality.

ACHIEVEMENTS AND AWARDS

Achieved the distinction of being the department topper in Electronics and Communication Engineering for the 2018-2022 batch at College of Engineering Muttathara.

CERTIFICATIONS

- Microsoft Office Specialist: Excel Associate (Office 2019).
- The Complete Python Bootcamp from Zero to Hero in Python.(Udemy)
- Data Analytics Essentials.(CISCO Networking Academy)
- Gesture Based Robotics Workshop(Sky-fi Labs)