Mohammed Yaseen

DATA SCIENTIST | DATA ANALYST | GRADUATE ENGINEER

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PROFILE

Computer Science Engineering graduate specializing in Data Science with strong skills in Python, SQL, and Power BI. Experienced in leading machine learning projects for helmet and vehicle detection. Proven abilities in data analysis, visualization, and effective communication, backed by internships in data analysis and data science.

EDUCATION

- **B.E. in Computer Science Engineering - Data Science (CSE-DS)** (8.2 CGPA) August 2024
  Lords Institute of Engineering and Technology , Hyderabad , TS
- **Intermediate (85%)** June 2020
  Sri Gitanjali Junior College , Hyderabad , TS
- **High School (85%)** March 2017
  International Indian School Dammam , Dammam , KSA

SKILLS

- Python
- Java
- SQL
- Excel
- Power BI
- Machine Learning
- Streamlit
- Pandas
- NumPy
- Matplotlib
- OpenCV

WORK EXPERIENCE

Data Analyst Intern (Virtual) May – July 2023
Pantech E Learning , Hyderabad , TS

- Developed and maintained 5 interactive Power BI dashboards, enhancing data visibility and decision-making for the management team.
- Extracted, transformed, and loaded (ETL) data from SQL databases, reducing data processing time by 30%.
- Processed and analyzed large datasets using Excel, providing insights that led to a 15% increase in operational efficiency.
- Presented indepth analysis and actionable insights to executive leadership, leading to a 25% improveme nt in stakeholder alignment and driving strategic decisions that boosted market share by 10%.

PROJECTS

1. Vehicle Detection from Aerial Images using Deep Learning

- Engineered a robust deep learning vehicle detection system using aerial images; increased detection accuracy to 97%, enhancing traffic management and surveillance capabilities for municipal authorities by reducing false positives by 40%.
- Led data preprocessing efforts to annotate and curate a dataset of 30,000 aerial images, ensuring quality and accuracy for model training.

2. Olympics Data Analysis App

- Engineered a Streamlit web application using Python to analyze Olympics data, processing over 45,000 records.
- Implemented data preprocessing techniques that reduced dataset size by 20% through duplicate rows removal and NaN handling.
- Developed interactive visualizations of medal tallies and country-wise medal distributions, enhancing data readability and user engagement by 40%, using pandas and matplotlib.