Mohd Munasib

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As a recent completed IIIT Hyderabad PG program in Software Engineering for Data Science and having one year of experience as an Analyst in TCS, I am eager to apply my skills and education to a Data Science role.

PROFESSIONAL EXPERIENCE

1. Tata Consultancy Service(TCS).

Data Science   March 2022 – Sep 2023

- Spearheaded a transformative project leveraging **linear programming optimization** techniques to drive cost efficiency in [**Mobilization**]. I utilized the **Gurobipy** optimization library and harnessed the data manipulation capabilities of **Pandas** to streamline resource allocation and enhance decision-making processes.

<u>Skills & Tools Covered</u>

- Python (Programming Language), Gurobipy, Pandas

Data Analyst   Aug 2022 – Feb 2023

- Converted data into actionable insights by creating the pivot table.
- Utilized MS SQL, data warehousing programs, Tableau and other dashboard/visualization toolsets for data analysis.

2. Project

ZOMATO DATA ANALYSIS

- Conceived and executed a comprehensive data analysis project centered around **Zomato**, leveraging **SQL** to extract meaningful insights and drive data-informed decision-making.

BUILD AN ML MODEL FOR CAR PRICE PRDICTION.

- This project is about predicting car price followed by cleaning and processing using **Pandas.**
- Applied Decision Tree, Random forest, Gradient boosting, XG boosting models out of **which Random forest gave 92.26% of R-squared value.**
- **Hyper parameter tuned** for Random Forest model and got **93.33% of R-squared value.**

<u>Skills & Tools Covered</u>

- Python (Programming Language), Numpy, Pandas, Machine learning Regression technique

TITANIC SHIPWREK ANALYSIS. Processing

- In this project, the task is to use **mlflow** for logging and querying machine learning experiments and also to build, log, and track multiple versions of a classification model that aims to predict the passengers who survived the titanic shipwreck.

<u>Skills & Tools Covered</u>

- Ability to analyze and prepare the data Performance EDA analysis MLFlow Supervised.
- Classification algorithm Random forest.

EDUCATION

PG in Software Engineering for Data Science in Information Technology   May 2022 - August 2023.
IIIT Hyderabad in collaborated with Great Learning at Hyderabad

- During my postgraduate studies in software engineering, I acquired a solid foundation in software development, data management, and algorithm design, which has been instrumental in my pursuit of a career in Data Engineering

B.Tech in Mechanical Engineering in   June 2018 – November 2021.
College of Phonics Group Of Institutions, Roorkee, India

- During my graduate studies in mechanical engineering has provided me with a strong foundation in engineering principles, problem-solving, and technical expertise.

I have also studied following as an optional course -

1. Autodesk AUTO-CAD with certified score of 97%.

2. Solidworks, CATIA and FEA in ANSYS

SKILLS

- Python Programming
- Data Visualization: Tableau, Power Bi, Excel.
- Data Storage tools - MySQL, MongoDB.
- Data Science: Machine Learning, Regression, Classification, Mlflow.
- AWS - AWS EC2.
- Deployment: Docker.