Mian Hammad Mustafa

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LinkedIn: https://www.linkedin.com/in/hammadmustafa400/ |Portfolio Website: https://hammad400.github.io/Hammad/

EDUCATION

B.S. Computer Science
Hazara University |2020-2024 |CGPA:3.35

Key Courses: DSA, Database Systems, Artificial Intelligence, Computer Vision, Programming (SQL, Python)

Work Experience /Projects

Data Science Project – Analysis of IT Jobs in Pakistan | Final Year R&D Project |Python |Power BI |2023-2024
- Purpose of this research study is to provide a comprehensive and in-depth analysis of IT jobs in Pakistan
- Focusing on data analytics and business intelligence utilizing LinkedIn Jobs data scrapped from 26 September 2023 to 26 November 2023.
- The analysis focuses on various key features, including job trends, skills demand, geographical distributions, company-specific patterns, industry-based distributions and additionally, competition analysis.
- Analyzed more than 12000 Jobs Scrapped from LinkedIn from all fields and found 3734 IT jobs throughout two months.
- Worked on 12 unique features of IT Jobs to extract correct insights.
- The results and findings are presented through an interactive and dynamic dashboard accessible online.

The Sparks Foundation Internship projects |Jan 2023 - March 2023 |Python |Power BI
- Completed 5 data science and machine learning projects.
- Major projects are Super Store Sales Analysis and Global Terrorism Analysis.
- Utilized Python, Jupiter Lab and BI Tools such as Power BI.
- Published Article and video on Medium and YouTube respectively to enhance my communication and presentation skills.

Freelance work on Fiverr and UpWork |Python |March 2022-August 2022
- Worked on more than 8 Freelance projects related to Iris datasets regarding agriculture and Industry.
- Common skills used: data analysis, Machine Learning, Python, Statistics, Reporting

CERTIFICATIONS
- Foundations of Data Science, Coursera [Google], 2023
- Foundations: Data, Data Everywhere, Coursera [Google], 2023
- Tata Group - Data Visualization: Empowering Business with Effective Insights Job Simulation, The Forage, 2024

Technical Skills:
- ***Programming Languages***: SQL, Python
- ***Data Analysis and Business Intelligence***: EDA, Data Cleaning, Data Preprocessing, NLP, Statistics
- ***Data Visualization and data Reporting:*** Microsoft Power BI, Tableau, Python Frameworks and Microsoft Excel.
- ***Machine Learning***: Regression, Classification and Artificial Neural Network
- ***MLOPs:*** deployment of Machine Learning Model using Flask

Soft Skills
- ***Writing:*** Technical Writing, Story Telling, Article Writing, Business News, Research Writing
- ***Communication skills in English, Urdu:*** Business Communication

Accomplishments:
- Presented My Research on "Unlocking Pakistan's IT Potential: In-depth Analysis of IT jobs using LinkedIn Data and Data Science and received certificate of participation from Director Science and Technology KPK.
- Got highest marks among the class in FYP evaluation that shows my commitment in FYP.
- Contributed in College Exhibition for AI project and received Certificate of appreciation from Regional Director HEC.