

Syed Inzamam Ul Hassan

Data Scientist

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PROFESSIONAL PROFILE

A postgraduate student of MS in Data Science having expertise of Data Scraping, Data Analysis, Building Dashboards, Machine Learning. Over 3 months of internship experience in using Python, SQL, and Power BI. Outstanding in Maths and Statistics. A complete team player with excellent communication skills and problem-solving skills.

EDUCATION

National University of Sciences and Technology (NUST), Islamabad, Pakistan

MS Data Science, (September 2022 – Present)

- Scored an 'A' grade in Statistical and Mathematical Methods for Data Science.
- **Coursework:** Machine Learning, Tools and Techniques for Data Science, Big Data Analytics and Social Web Mining.
- **Projects:**
 1. Introducing an Adaptive Calling Interface: Simplifying Communication at Your Fingertips using K-Nearest Neighbour Machine Learning Algorithm

National University of Sciences and Technology (NUST), Islamabad, Pakistan

BS Mathematics, (September 2017 – September 2021)

- **Coursework:** Statistics and Probability, Discrete Mathematics, Data Structures and Algorithm, Machine Learning, Data Visualization, Data Mining.
- **Projects:**
 1. Final Year Machine Learning Project, Life Expectancy Prediction (11/2020 - 01/2021).
 2. Final Year Data Mining Project, School Management Project in SQL (05/2021 - 06/2021)

EXPERIENCE

Data Science Intern, JMM Technologies Pvt Ltd, Peshawar (June 2022 – August 2022)

- Completed 5 projects related to the Business Analytics domain using Power BI, SQL, Pandas, and Plotly Dash.
- Designed an E-commerce website using Python Django web framework.
- Trained Regression and Classification based models in Python Scikit Learn.
- Made one page application Django-Plotly-Dash and deploy it on Heroku.
- Scraped data from different using scrapy and Octoparse tool.

PROJECTS

- **Data Analysis with Python:** Pre-processed and Analysed different datasets in Python Jupyter Notebook using Pandas, NumPy, Matplotlib, Seaborn, and other Python libraries. Provided data-driven decisions based on the analysis and starting objectives.
- **Data Visualization with Python:** Used Matplotlib, and Plotly to showcase my data visualization skills in Python.
- **Data Analysis with SQL:** Performed Data Cleaning and Wrangling, Data Pre-processing, and Exploratory Data Analysis in Microsoft SQL Server.
- **Power BI:** Created fully interactive dashboard in Power BI by first inserting the data from the database. Then cleaned and pre-processed the data in Power Query, and finally modelled and analysed the data in Power BI Desktop.
- **Web Development with Django:** Designed full-fledged websites using Django and performed CRUD operations.

CERTIFICATIONS

- Microsoft Excel Workshop by Dice Analytics (March 2022)
- Introduction to R language by DataCamp (Oct 2022)
- Data Analysis with Python by Coursera (April 2023)

SKILLS, TOOLS, AND SOFTWARE

- **Programming Languages:** C++, Python, SQL, R, MATLAB.
- **Microsoft Office:** MS Word, MS Excel, MS PowerPoint. **OS:** Windows

- **Software:** Jupyter Notebook, VS Code. Power BI
 - **Soft Skills:** Teamwork, Leadership, Critical thinking, Problem Solving, Presentation skills, Communication skills.
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OTHERS

- **Languages:** English (fluent), Urdu (Bilingual), Punjabi (Native)
- **Hobbies:** Gardening, Evening Walk, Art
- **References:** References can be formulated on request.