Mashhood Ali
Python and Tableau Data Analyst

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Portfolio

Work Experience

Python and Tableau Data Analyst

Milleniance Softnet Pvt. Ltd.

June 2022 - Present / Delhi

- For the last 2+ Years, working as a Data Analyst using **Python**, **Tableau** and **SQL**, involved in several projects of Data Extraction and Data Analysis/Visualization, communicating with clients to provide them required data solutions.
- Using **Pandas**, **NumPy**, **Matplotlib, scikit-learn** library on daily basis for manipulating data.
- Have created tons of **Tableau dashboards** till now with complex data importing from offline and online sources.
- Have worked on several **Web Scraping** project using **Beautiful Soup** for live data extraction and manipulation.
- Have worked on one data analysis project that involved **Apache Hive** data warehouse
- Involved in several Machine Learning and Deep Learning projects where I used **Linear Regression**, **Random Forest Classifier** and **Neural Network** Models for **predictive models** and one project on **Generative AI model**
- Also involved in several Web Development projects and sharpen my skills in Python, Flask framework, JavaScript, HTML, CSS, MySQL
- Gained hands on experience in **GCP** for software deployment.

Data Science Internship

DevTown Inc.

August 2022 – Nov 2022 / Online

- Completed a 4-month Data Science Training and Internship at **DevTown** Inc, an EduTech Startup.
- Worked on several industry level Data Analysis and Machine Learning projects.
- Worked on a Flask based web application project.
- Submitted one final **Deep Learning Neural Network** project at the end to get the certificate.
- Gained some knowledge in Google BigQuery and other data warehousing solutions.

Working for my own websites and blogs

- I am working as a part time blogger for the last 6 years earning money through **Google AdSense** and **Amazon Affiliate Program**.
- Have worked with **Google Analytics** and **Search Console** data to measure the website performance metrics.
- I use to run paid ads through **Google Ads** and **Facebook Ads** to bring traffic to my blogs, that in return generate revenue from affiliate and display ad network.

Projects

House Sales Price Data Visualization in Tableau:

- In this project, I have taken Washington house sales price data to visualize it in tableau.
- I got the data and imported it in tableau in CSV format.
- Used the filters like Calendar, Year-built, Sqft Lot etc to analyze different parameters like distribution of house prices, price heatmap etc.
- Project link: https://camcrop.com/datascience/house.html

HR Data Analysis and Visualization in Tableau:
- Analyzed and visualized HR Employee's data of a company in **Tableau**
- Created an interactive Dashboard using various **KPIs** and having several **Data filters**.
- Embedded the functioning dashboard on website to be accessible to anyone.
- Project Link: https://camcrop.com/datascience/hr-data.html

Employee's Data Analysis SQL Project:
- This is a SQL project to analyze the employee's data of a company.
- Have used various complex SQL commands like **JOIN**, **GROUPBY** to fetch required data and answer the questions.
- Project link: https://camcrop.com/datascience/sql.html

FIFA Players Data Analysis using Web Scraping in Python:
- Scraped the players data from FIFA website using Python and imported it into csv format.
- Cleaned the large filthy data to get something usable for data analysis.
- Analyzed the Player's potential from the data using various graphs in **Matplotlib** library.
- Project Link: Github

Car Price Prediction Machine Learning Project:
- Got freely available but real data for car price, cleaned the data, done initial **Exploratory Data Analysis.**
- Analyzed the data using various graphs and charts, used **Linear regression algorithm** to train the model.
- One can get the estimated price of car based on parameters like Car model, diesel or petrol type, car age etc.
- Project Link: Github

Social Media Website Project in Python Flask:
- Have created a social media website application using **Flask framework** of **Python** in backend, **HTML5, CSS3, JavaScript** as front end and **MySQL** as database.
- User can register, login to his/her account, can submit posts, can reply to someone's post, can edit his/her account details etc.
- Have created API in Python Flask to fetch and display data to the front end.

Ecommerce Web Application in Python Flask:
- Have created a fully functional ecommerce website using Flask Framework of Python in backend and HTML, CSS and JavaScript in front end.
- User can register, login to his/her account, search the products, add products to his/her cart and submit order.
- Used complex **SQL queries** in the backend to filter the products according to the user query.
- Have integrated **CC Avenue Payment Gateway** to processing the payment.
- Link to the Project: https://codespit.com/ecom

Education

M.Sc. Electronics, Jamia Millia Islamia, New Delhi
(2020 – 2022)

Learned the core concepts of electronic devices and communication systems.

Learned programming in C++ and Python

Submitted a Machine Learning based model as final year project   8.9CGPA

B.Sc. Physics(H), TMBU, Bhagalpur University
(2015 – 2019)
Learned Physics and Mathematics   64%

Certifications

MySQL and Tableau for Data Analysis and Business Intelligence

Udemy.com

Machine Learning Specialization in Collaboration with Stanford University

Coursera.org

Complete Guide to Build Internet of Things (IoT) with Python from Scratch to Market

Udemy.com

Python Data Science Training and Internship

DevTown Inc.

Skills and Tools

Python   **JAVA**   **SQL**   **Tableau**   **MS EXCEL**   **Google Collab.**   **Apache HIVE**

Data Extraction   **Data Cleansing**   **Data Analysis and Visualization**   **Dashboard**

Google Cloud Platform   **Google Analytics**   **Google Search Console**   **AdSense**

Google Ads   **Facebook Ads**   **HTML**   **CSS**   **JavaScript**   **Web Development**

Presentation Skill   **Communication Skill**   **Research Notation Skill**

Declaration

I, Mashhood Ali, hereby declare that the information given above and in the enclosed documents is true to the best of my knowledge and belief and nothing has been concealed therein.

Name: Mashhood Ali
Place: New Delhi, India

22-08-2024