

Amir Saleem

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Languages: Urdu, English, Arabic.

SUMMARY

Data Scientist and Python Developer with **6+ years of experience** in **data analysis**, **data engineering**, and **machine learning**. Proven ability to transform raw data into actionable insights using data wrangling, feature engineering, and predictive modeling. Proficient in Python and SQL. Passionate about solving complex problems using data-driven approaches. Certified in data analysis, programming, machine learning, and data engineering.

WORK EXPERIENCE

Turing

Python Data Scientist

Nov 2023 – Current

USA, Remote

- Currently working on an LLM with millions of users: Gather data, formulate complex questions, develop code solutions, and collaborate with the LLM to enhance its capabilities by identifying errors and providing feedback.
- Engage in collaborative data analysis, independently explore datasets, and craft complex inquiries covering EDA, statistics, ML, logic, and open-ended questions.
- Develop code solutions and collaborate with colleagues to compare and validate results. Identify and flag questions with code solutions to refine LLM training, enhancing accuracy and performance.

Medusa

Data Engineer (Freelancer)

Jun 2023 –Feb 2024

USA, Remote

- Implemented ETL processes using Redshift, Athena, and MySQL on AWS Lambda functions within Docker containers.
- Incorporated existing CI/CD pipelines via Bitbucket to enable smooth code deployment processes.
- Executed code pushes to trigger Bitbucket pipelines for automated builds.
- Managed Docker image deployments to AWS and monitored performance via CloudWatch.
- Implemented reverse ETL processes for Monday.com utilizing GraphQL with their API.

Love For Data

Data Scientist

Jan 2023 – Nov 2023

Karachi, Pakistan

- **ETL:** Wrote ETLs to extract, transform, and load data from various sources into a data warehouse.
- **Data Analysis:** Performed data analysis using Python and SQL to identify patterns and trends.
- **Predictive Modelling:** Developed and implemented predictive models.

Love For Data

Data Analyst

Jan 2021 – Dec 2023

Karachi, Pakistan

- **Django:** Wrote Django applications to develop and maintain web applications for data visualization and analysis.
- **Predictive Modelling:** Worked on predictive models to forecast future trends and outcomes.
- **Data Analysis:** Performed data analysis using Python and SQL to identify patterns and trends.
- **Market Basket Analysis:** Leveraged market basket analysis to generate insights that could be used to improve the client's restaurant menu, marketing strategies, and overall customer experience.
- **Web-Scraping:** Wrote multiple web-scrappers using Python.
- **Azure Lambda Function:** Developed and deployed a Python-based ETL pipeline on Azure Functions.

Love For Data

Junior Data Analyst

Apr 2019 – Dec 2020

Karachi, Pakistan

- **Data Audit:** Performed a data audit to identify and correct inaccuracies, providing clients with insights into their data quality issues.
- **Interactive Dashboard:** Developed an interactive dashboard using R-Shiny to visualize and analyze data.
- **ETL:** Wrote ETLs to extract, transform, and load data from various sources into a data warehouse.

Love For Data

Data Science Trainee

Oct 2018 –Mar 2019

Karachi, Pakistan

- **Web-Scraping:** Developed a web scraping application to extract data from various websites.
- **NLP:** Built an NLP model for sentiment analysis, text summarization, and question answering.

SKILLS

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|--------------------|----------|--|
| • Machine Learning | • Bash | • Web Scraping |
| • Data Analysis | • Linux | • Data Wrangling |
| • Data Audit | • Django | • Data Visualization |
| • Python | • ETL | • Cloud Computing (AWS Lambda Functions) |
| • R | • SQL | |

CERTIFICATIONS

Completed over 50 certifications in Python, R, SQL, Excel, Tableau, machine learning, data engineering, Linux, and statistics. Details on my portfolio: <https://amirsaleem1990.github.io/#certifications-section>.