

MUHAMMAD AMMAR ALTAF

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SUMMARY

Data Analyst with 08 months of experience in interpreting and analyzing data on different datasets for driving business solutions. Good knowledge in Machine Learning Models, mathematics, and analytics. Excellent understanding of business operations and analytics tools for effective analyses of data.

EXPERIENCE

AIR University

Prime Minister Kamyab Jawan Program

Internship

Islamabad, PAKISTAN

Sept 2020-March 2021

- Data Collection from public websites via Web Scraping.
- Implemented State of the Art Classification models on IRIS, ADULT and MNIST datasets.
- Performed Exploratory Data Analysis (EDA) and Data Visualization on ADULT dataset.
- Performed & Data Visualization on a SYNTHETIC SALES data.
- Implemented Principal Component Analysis (PCA) for feature reduction on CANCER CELLS DATASET on KAGGLE.
- Performed State of the Art Classifications & Clustering models.
- Making complete models using different algorithms on various pre-defined datasets on MICROSOFT AZURE.
- Datasets: Iris, Adult, Cancer cells, Loan Grant, Bank Customers, Bank Churners, Galton, Titanic, Hotel Booking and more.

Australia and New Zealand Banking Group Limited

Virtual Internship Program

Feb 2021- Present

- Implementation of Exploratory Data Analysis on Bank Customer Dataset provided by ANZ. Segment the dataset and draw unique insights, including visualization of the transaction volume and assessing the effect of any outliers.
- Predictive Analysis - Explore correlations between customer attributes, build a regression and a decision-tree prediction model.

CERTIFICATIONS

1. **Machine Learning** – Completed from Coursera
2. **Machine Learning - Regression** - Completed from Coursera
3. **Natural Language Processing** – Inprocess

Stanford University
University of Washington
Stanford University

EDUCATION

COMSATS University - Islamabad, PAKISTAN

Masters of Science in Computer Science, Concentration in Data Science, 3.53 CGPA

FUUAFT - Islamabad, PAKISTAN

Bachelors of Science in Computer Science, Concentration in Software Systems, 3.01 CGPA

Involvement: Advanced Artificial Intelligence, Advanced Algorithm Analysis, Machine Learning, Advanced Data Mining, Natural Language Processing, Computer Vision, Theory of Computation, Research Methodology

Libraries: BeautifulSoup, Scrappy, Pandas, NumPy, Matplotlib, Seaborn, SciPy, Keras, SciKit-Learn, Learning (Pytorch, Tensorflow and XGBoost)

Programming Skills: Python, Basic Understanding of Django, Microsoft Azure

Database Skills: SQL