

Ammara Saeed

Data Scientist

A motivated and detail-oriented Data Scientist with a strong background in using Python, Excel, Google Sheets, Power BI, and machine learning techniques for data cleaning, analysis, modeling, and visualization. Skilled in applying advanced statistical methods and machine learning algorithms to extract actionable insights, predict trends, and improve decision-making processes.

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EDUCATION

Bachelor of Science in Mathematics(Specialization in Data Science)

Namal University Mianwali

10/2020 - 07/2024

EXPERIENCE

Data Science Intern

GrowIntern

11/2024 - 12/2024

Achievements/Tasks

- ChatGpt for Data Analysis, Object Detection and Segmentation Tasks.
- Large Language Models and Transformers Architecture.
- MLops and Scaling AI Solutions

Deep Learning Intern

CodexCue Software Solutions

09/2024 - 10/2024

Achievements/Tasks

- Build Handwritten Digit Classification System.
- Sentiment Analysis, Cat vs Dog Image Classifier, Real vs Fake News Classifier , Object Detection.

Artificial Intelligence Bootcamp

SkyElectrics & SkyLabsAI

07/2024 - 08/2024

Achievements/Tasks

- Developed a Music Recommender System App.
- Developed a personalized cheating system app and weapon detection system using YOLO Model.

Machine Learning and Deep Learning Bootcamp

Tech Connect Peshawar

Achievements/Tasks

- Image Classification with CNN, Predicting Movie Reviews Sentiment with RNN, Fashion Item Classification using CNN, Image Generation Using GANs, Question Answering System with RAGs, Image Captioning using CNN+RNN.

SKILLS

MS Word

MS Excel

MS Powerpoint

Python

R Programming Language

Microsoft Data Analytics

Google Data Analytics

Tableau

Matplotlib

Communication Skills

Problem Solving

Critical Thinking

Google Colab

Numpy

Pandas

Matplotlib

Seaborn

ACADEMIC PROJECTS & ACHIEVEMENTS

Solar Production and Load Prediction:

- Created a time series model for forecasting solar power generation and electricity load.
- Utilized live weather data and enhanced predictive performance by performing feature engineering, including extracting datetime features from timestamps, and creating features such as sunrise/sunset times, humidity and min-max temperature.
- Secured 4th Position in Kaggle Competition hosted by SkyElectrics and SkyLabs.

Prediction of Mental Health Problems in University Students using Machine Learning (Final Year Project)

- Developed an app that predict the level of Stress, Anxiety and depression Level using Machine Learning Techniques.
- Additionally the app also identify the factors contributing towards stress, anxiety and depression level.

Flappy Bird Game Development

- Developed a Flappy Bird game using Pygame and integrated a neural network model using TensorFlow to automate the gameplay.
- The model learns to play the game by collecting training data from user interactions and then uses this data to make decisions during the game.

CERTIFICATIONS

Fundamentals of Deep Learning

NVIDIA

Generative AI with Diffusion Models

NVIDIA

Machine Learning Specializations

Stanford University, Coursera

Machine Learning Foundations

Amazon Web Services

Introduction to Generative AI

Amazon Web Services