

MUHAMMAD HUSSAIN

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Junior Data Scientist

Islamabad



SUMMARY

Junior data scientist with 2+ years of experience in project working.

SKILLS

- Deep Learning (ANN,CNN,RNN,SEQ to SEQ)
- Machine Learning
- Basics Mlops
- Basics PyTorch
- Basics Web Scraping
- Python (Numpy, pandas, matplotlib and other libraries).
- Languages (C,C#, C++, Java, Python)
- Basics knowledge of Web development

EDUCATION

BACHELOR OF COMPUTER SCIENCE - FUUAST -
Islamabad, InProgress
Semester: 5th, CGPA: 3.39/4

CERTIFICATIONS

- Six Month Computer Diploma from Challenger Computer Skills Centre Skardu.(2019)

PROJECTS

Next word predictor

Using LSTM | Accuracy 94.0

- The Dataset use in this project is our class result sheet.
- Firstly, I change the sheet row columns values in normal text using ChatGPT.
- After that apply some preprocessing steps like tokenizers etc.
- Then convert the text in a number of same sequence.
- At Last Train a Model by using LSTM and evaluate its performance which was quite amazing like 94.0 accuracy with 0.24 Loss.

Islamabad House Price Predictor

Using ANN | loss: 0.0018

- The Dataset I get from some google website.
- The dataset having too much noise, So I do preprocessing.
- Then I train the model while using Artificial Neural network with minimum loss of 0.0018 and val_loss of 0.0016
- Train the same model using machine models with loss of 1.002 and val_loss = 2.001

Face Mask Detection

Using CNN | 0.9368

- The Dataset is available on kaggle.
- The model try to predict whether a person is wearing mask or not.
- We using Conv2D with MaxPooling.
- I got accuracy 0.9368 and val_accuracy 0.9256