



# Abid Ali Awan

Data Scientist

I am a certified data scientist professional, who loves building machine learning models and blogs about the latest AI technologies. I am currently testing AI Products at PEC-PITC, which later gets approved for human trials.

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## WORK EXPERIENCE

### Data Scientist

Pakistan Innovation and Testing Center - PEC

04/2021 - Present

Islamabad, Pakistan

Achievements/Tasks

- Redesigned data of engineers that were mostly scattered and unavailable. Designed dashboard and data analysis report to help higher management make better decisions. Accessibility of key information has created a new culture of making data-driven decisions.

Contact: Ali Raza Asif - darkslayerraza10@gmail.com

### Data Scientist

Freelancing/Kaggle

11/2020 - Present

Islamabad, Pakistan

Achievements/Tasks

- Engineered a healthcare system. Used machine learning to detect some of the common decisions. The project has paved the way for others to use new techniques to get better results.
- Participated in Kaggle machine learning competitions. Learned new techniques to get a better score and finally got to 1 percent rank.

### Researcher / Event Organizer

CREDIT

02/2017 - 07/2017

Kuala Lumpur, Malaysia

Achievements/Tasks

- Marketing for newly build research lab. Organized technical events and successfully invited the multiple company's CEO for talks. Reduced the gap between industries and educational institutes.
- Research on new development in the IoT sector. Created research proposal for funding. Investigated the new communication protocol for IoT devices.

Contact: Dr. Tan Chye Cheah - dr.chyecheah.t@apu.edu.my

## EDUCATION

### MSc in Technology Management

Staffordshire University

11/2015 - 04/2017

Postgraduate with Distinction

Thesis

- Challenges in Implementing IoT-enabled Smart cities in Malaysia.

### Bachelors Electrical Telecommunication Engineering

COMSATS Institute of Information Technology, Islamabad

08/2010 - 01/2014

CGPA: 3.09

Courses

- Networking
- Programming/ Matlab
- Satellite communications
- Telecommunication Engineering

## SKILLS

Designing

Leadership

Media/Marketing

R/Python

SQL

Tableau

NLP

Data Analysis

Machine learning

Deep learning

Webapp/Cloud

Feature Engineering

Ensembling

Time Series

Technology Management

## ACHIEVEMENTS

98th Hungry Geese Simulation Competition (08/2021)

2nd in Covid-19 vaccinations around the world (07/2021)

8th in Automatic Speech Recognition in WOLOF (06/2021)

Top 10 in WiDS Datathon. (03/2021)

40th / 622 in MagNet: Model the Geomagnetic Field Hosted by NOAA (02/2021)

18th in Rock, Paper, Scissors/Designing AI Agent Competition. (02/2021)

## PROJECTS

Goodreads Profile Analysis WebApp (09/2021)

- Data Analysis
- Web Scraping XLM
- Interactive Visualization

Contributed in orchest.io (08/2021)

- Testing and Debugging
- Technical Article
- Proposing new was to Improve ML pipelines

World Vaccine Update System (06/2021)

- Used sqlite3 for database
- Automated system for daily update the Kaggle DB and Analysis
- Interactive dashboard

mRNA-Vaccine-Degradation-Prediction (06/2021)

- Explore our dataset and then preprocessed sequence, structure, and predicted loop type features
- Train deep learning GRU model

Trip Advisor Data Analysis/ML (04/2021)

- Preprocessing Data, Exploratory Data analysis, Word clouds.
- Feature Engineering, Text processing.
- BiLSTM Model for predicting rating, evaluation, model performance.

Jane Street Market Prediction (03/2021)

- EDA, Feature Engineering, experimenting with hyperparameters.
- Ensembling: Resnet, NN Embeddings, TF Simple NN model.
- Using simple MLP pytorch model.