



# Syed Sajjad Ali Shah

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Karachi, Pakistan 📍

I am a Data Science enthusiast with a decade of experience in the field, currently working as an Assistant Manager in Data and Research. I hold a Data Science degree with a focus on artificial intelligence from NED University. Over the past seven years, I've honed my skills as a Data analyst, gaining expertise in areas such as Power BI dashboard modeling, GIS mapping, and automating WhatsApp live location compilation into Excel. Most recently, I've developed a predictive forecasting model for various SIA indicators using Python's statistical machine learning libraries.

## WORK EXPERIENCE

### Assistant Manager

Interactive Research and Development (IRD), Pakistan

03/2023 - Present,

- Achievements/Tasks*
- Conducting data analysis and crafting manuscripts as part of the program.
  - Statistical Analysis using power BI and Python integration.
  - Maintaining power BI dashboard for TB program.

### Data Analyst

Polio Eradication Initiative (SHMA), Karachi

07/2017 - 02/2023,

- Achievements/Tasks*
- Data processing, Analysis through Python, power BI and Tableau at District.
  - Data presentation to Town level staff
  - Best performance award from DHO.

### Data Assistant

Micro-merger Pvt.

08/2016 - 07/2017,

- Achievements/Tasks*
- Data entry over provided software and then exporting the data to Excel or CSV and performing some initial processing/analysis.
  - Data sharing with the field staff and then received the updated version of data for processing of same data.

### Associate Data Processing Engineer

GFK Etilize

07/2014 - 05/2015,

- Achievements/Tasks*
- Data in the form of image extract from google and then label the image.
  - Data validation of some new applications.

## PERSONAL PROJECTS

- Initiate Digital Maps for District West used in Micro-planning and visualization.
- Initiate Power BI Dashboard for ERM of Polio Campaigns.
- Prediction models using statistical tools of python.

## EDUCATION

- **Postgraduate Diploma: Data Science with AI**  
NED University of Engineering & Technology, Sindh

12/2021 - 01/2023,

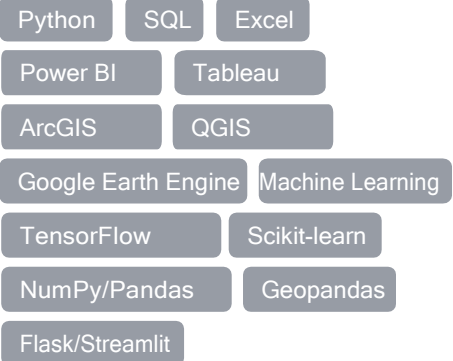
CGPA: 3.62

- **Master of Science: STEM (Physics)**  
University of Science & Technology, KPK

12/2007 - 01/2010,

CGPA: 64%

## SKILLS



## ACHIEVEMENTS

Best performance Award (EOC Sindh)

Performance Award (DPCR West)

## CERTIFICATES

Data Science Math Skills (Coursera 2020)

Python for Data Science (NED 3/22)

Data Visualization (NED Univ 06/22)

Business Intelligence (NED Univ 9/22)

Machine Learning (NED Univ 12/22)

Spatial Data Analytics (ESRI 11/22)

AI for Everyone (Coursera 12/22)

## LANGUAGES

Urdu  
*Native or Professional Proficiency*

Pashto  
*Full Professional Proficiency*

English  
*Full Professional Proficiency*

## INTERESTS

Gym-Exercise Python Coding

Artificial Intelligence