

# Muhammad Saad Uddin

## Artificial Intelligence and Data Science

An Immensely creative, flexible and innovative individual who possesses an extensive amount of knowledge and industry experience regarding data science, Machine learning, AI and Statistics. A keen learner who can devour new ideas from self-study and believes that we should always try to search for change and make everything around us more effective and better than yesterday.



✉ itssaad.muhammad@gmail.com

📍 Germany

🌐 [linkedin.com/in/muhammad-saad-31740060](https://www.linkedin.com/in/muhammad-saad-31740060)

☎ +4917657933289

📄 [saadmuhammad.github.io/](https://github.com/saadmuhammad)

🐙 [github.com/SaadMuhammad](https://github.com/SaadMuhammad)

## EDUCATION

### MSc. Artificial Intelligence & Data Science Technische Hochschule Deggendorf

03/2021 - Present

### B.E. Engineering

NED UET

01/2012 - 12/2015

## ACHIEVEMENTS & PROJECTS

#### Instructor at Coursera

- Data Science and Machine learning Guided Projects Lab: <https://www.coursera.org/instructor/saad-muhammad>

#### Movie Recommendation System

- Injecting and processing data into MS SQL studio via python and ORM architecture of SQLAlchemy. Connecting the database remotely via Streamlit API to create web app

#### Un-Constrained optimization using PSO

- implemented solution for un-constrained optimizations using particle swarm algorithm.

#### Object detection using transfer learning

- created Traffic sign detection and classification model using InceptionResnet V2 and VGG16.

#### Feature Selection via Boruta

- implemented boruta paper for feature selection based on entropy of decision tree classifiers and regressors

## WORK EXPERIENCE

### Data Science & Analytics

Novuter - Werkstudium

09/2021 - Present

#### Achievements/Tasks

- Data analysis and reasoning via Python and SQL
- Convert and research data into analytical & actionable insights by predicting and modelling future outcomes
- Translating numbers and facts for prediction and planning of strategic business decisions for data driven solutions.

## SKILLS & COMPETENCES

Machine Learning

Predictive Analytics

SQL

Python

Tableau

IBM Watson

Strategist

Data visualization

Azure ML

Design Thinking

Curious

Goal Oriented

Data Science

PyCaret

Statistical Analysis

Business Intelligence

Pandas

TensorFlow

Future Focused

AI & Deep Learning

Business and Trend Analysis

Computer Vision

Time Series Analysis

Forecasting

Scipy

Keras

Scikitlearn

Numpy

Statistics

AutoML

parallel programming

Transfer learning

Calculus

Probability & Statistics

Linear Algebra

## TRAINING & CERTIFICATIONS

Microsoft certified Azure Data Scientist

<https://www.credly.com/users/saad-muhammad/badges>

IBM Advance Data Science Specialist

TensorFlow Professional Developer

IBM Data Science Professional Certificate

IBM Applied AI Specialization

Microsoft Azure Machine Learning Scholar

## LANGUAGES

English



## INTERESTS

AI & ML

Data Science

Tennis

Poetry