NAJMA JAMEEL

Data Scientist

Contact Me

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in **www.Linkden.com**

About Me

I am a dedicated data scientist with a strong foundation in mathematics, which I leverage to drive insights and solutions from complex datasets. Proficient in statistics and skilled in Python programming, I specialize in mathematical modeling and machine learning. With a keen eye for detail and a passion for problem-solving, I excel in transforming data into actionable strategies. I am committed to utilizing my mathematical expertise to tackle challenges and contribute to innovative solutions in the field of data science.

Professional Education and Training

- IBM AI Developer (Specialization)
- Machine Learning Engineering for Production (MLOps) by DeepLearning.AI (Specialization)
- Machine Learning by DeepLearning.AI, Stanford University (Specialization)
- MLOps | Machine Learning Operations by Duke University (Specialization)
- Machine Learning for Trading by Google Cloud, New York Institute of Finance (Specialization)
- IBM Machine Learning (Specialization)
- Applied Data Science by IBM (Specialization)
- IBM Data Science (Specialization)
- Preparing for Google Cloud Certification: Machine Learning Engineer by Google Cloud (Specialization)
- IBM Data Analyst (Specialization)
- Google Data Analytics (Specialization)
- Google Cybersecurity (Specialization)
- Google Business Intelligence (Specialization)
- Python project for data science by IBM (Specialization)

COURSES

- Convolutional Neural Networks by DeepLearning.AI
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization by DeepLearning.AI
- Natural Language Processing with Classification and Vector Spaces by DeepLearning.AI
- Natural Language Processing with Probabilistic Models by DeepLearning.AI
- Neural Networks and Deep Learning by DeepLearning.AI
- Structuring Machine Learning Projects by DeepLearning.AI
- Certificate course for Teaching of Mathematics from FUUST.
- Course for MATLAB and Mathematica in Mathematical modeling and statistics.
- Cloud Cyber Security and Data Science Diploma from Al-Nafi.
- Data Analytics and Business Intelligence by Digi Skills.

Academic Education

July 2024 - current	M.Sc in Financial Engineering from WorldQuant University USA.
April 2017 - March 2019	MS (Mathematics) Virtual University of Pakistan.
September 2004 - August 2006	M.Sc Mathematics from FUUST Karachi.
August 1999 - July 2001	B.SC (Pure Math, Applied Math, Statistics) from BZU Multan.

Expertise Skill

Programming:	Python, R/MATLAB, SQL.
Data Manipulation:	Pandas, NumPy, data cleaning/preprocessing.
Machine Learning:	Supervised, Unsupervised, Reinforcement learning algorithms
Deep Learning	TensorFlow, PyTorch, Keras.
Statistical Analysis:	Hypothesis testing, experimental design.
Data Visualization:	Matplotlib, Seaborn, Plotly, Tableau/Power BI.
Big Data:	Apache Spark, Hadoop ecosystem.
Cloud Platforms:	AWS/GCP/Azure.
Version Control:	Git.
Cybersecurity:	Vulnerability penetration testing.

Natural Language Processing (NLP): NLTK, SpaCy.

Work Experience

August 2010 - 2021

Study Point Coaching Center,
Teaching O & A level (IGCSE, CAIE, IB)
Coaching classes of BS & BBA.

June 2015 - current

Working as an Assistant Professor of Mathematics and Statistics with Textile Institute of Pakistan.

Main areas of Teaching:
- Probability and Stochastic Processes,
- Statistical Inference,
- Advance Linear Algebra,
- Calculus with Analytical Geometry,
- Advance Differential Equation,
- Computational software's for Mathematics(MATLAB, Mathematica),
- Statistical Software's and its Applications(SPSS)
- Mathematics & Statistics for Business.

January 2023 - December 2023

Internship Al-Nafi E-Learning Pvt. Ltd

Data Science, Cloud and cybersecurity

Areas of Intrests

Researching in the various branches of Mathematics, Statistics and Data Science
Applying the self strategies for achieving the goals of an organization.

Extra Curricular Activities

Progressive literatures oriented.