

Abdul Hannan

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EDUCATION

Data Science Bootcamp , Springboard	Jan 2022 – present
Major: Mathematics Minor: Economics , Baruch College	Aug 2019 – Dec 2021
Mathematics , Borough of Manhattan Community College	Aug 2017 – May 2019

PROFESSIONAL EXPERIENCE

Data Science Certification , Springboard	Jan 2022 – present
<ul style="list-style-type: none">Hands-on application of the data science method (Problem Identification, Data Wrangling, Exploratory Data Analysis (EDA), Modeling, and Storytelling).	
Capstone Projects	
<ul style="list-style-type: none">Participated in Natural Language Processing (NLP) Kaggle competition for interpreting Bookings.com data to perform customer review Sentiment Analysis.Built a cost-revenue model for the Big Mountain Resort that resulted in a 10% increase in profit margins by reducing maintenance expenditures.Developed a supervised Machine Learning (ML) classification model to predict the likelihood of heart disease in the population based on their medical history.Created a Logistic regression ML model to predict fraudulent credit card applications.Utilized the TidyVerse package in R to visualize the distribution of Nobel Prize Award categories.Conducted an EDA on Netflix data comparing the movie genres against time duration with respect to the release year.	
Research Scholar , City University of New York (CUNY) Research Scholars Program (CRSP)	Sep 2018 – Aug 2019
<ul style="list-style-type: none">Studied the field of Active Matter by creating a predator-prey simulation to investigate the behavior of blood cells against external viruses.Presented research results in John Jay, City Tech, BMCC, and other CUNY colleges.	
Teacher's Assistant , CUNY Tutor Corps	Sep 2018 – Jun 2019
<ul style="list-style-type: none">Administered individual and group tutoring sessions for college-level Mathematics.Assisted the professor in academic objectives by providing accurate and timely feedback.	

SKILLS

Data Science (Python R SQL Tableau Excel PowerBI)
Theoretical (Probability Analysis Advanced Statistics Theory of Interest Linear Algebra)

CERTIFICATES

- DataCamp Certificate of Data Science With Python & R
- IBM Data Science Specialization
- IBM Data Visualization Certificate

LEADERSHIP & AWARDS

Pakistani American Youth Society (PAYS) Volunteered in community events, and food drives.	Bank of New York Mellon Scholarship CUNY S-STEM Scholarship Dean's list recipient from Fall 2017 to Fall 2019
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