Abdul Hannan

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🧩 PROFESSIONAL SUMMARY

Skilled Data Scientist with a diverse portfolio, a major in Mathematics, and a minor in Economics looking for challenging opportunities in the transportation, fintech, and eCommerce industries.

🧩 SKILLS

Certifications (Data Science Springboard | DataCamp Certificate of Data Science With Python & R | IBM Data Science Specialization | IBM Data Visualization Certificate)

Data Science (Python | R | SQL | Tableau | Excel | PowerBI)

Theoretical (Probability Analysis | Advanced Statistics | Theory of Interest | Linear Algebra | Differential Equations)

🧩 PROFESSIONAL EXPERIENCE

Data Science Certification, Springboard

Hands-on application of the data science method (Problem Identification, Data Wrangling, Exploratory Data Analysis (EDA), Modeling, and Storytelling).

Capstone Projects

- 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)

- 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

- Administered individual and group tutoring sessions for college-level Mathematics.
- Assisted the professor with academic objectives by providing accurate and timely feedback.

🎓 EDUCATION

Data Science Certification, Springboard

Major: Mathematics | **Minor:** Economics, Baruch College

Mathematics, Borough of Manhattan Community College