

DATA SCIENCE CAREER STATEMENT

DATA, SCIENCE , ART

I am an Economics graduate and I persued music production and audio engineering as my career. My interest in technology and innovation led me to explore coding in 2018. Later in 2019, I came to know about Business Analytics and Data Science. After stepping in, I found this world of data so fascinating that I decided to explore more. I took Data Science in Python and Data Analysis in R courses from *Dataquest.io* from late 2019 till the end of 2020. To me, data and numbers are those magic boxes that can lead to greater inventions for humanity and solve many problems. However, to me, these are the tools but the most important thing in our life is our idea.

MISSION STATEMENT

Now that I am lucky to get myself immersed in the world of Data Science, I want to explore various problems and bring data driven solutions for businesses. While this will be ongoing journey, my big mission in my career as a data practitioner, is to produce data driven solution against violence towards women and children. I want to use data and artifical intelligence to bring solutions or to help others to fight against bullying, eve teasing, rape and all sort of violence that is happening everyday.

TARGET FOR NEXT 2 YEARS

Till the end of December 2021, I will build on my Data Engineering, MLOPs, Big Data and real time analytics skills . Also, I am practicing new machine learning and deep learning problems regularly. From December 2021, I want to start working as a freelancer on *upwork*, also I will start applying for jobs. By the end of 2022, I want to make myself ready for AWS Data Analytics certification.



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DATA PRACTITIONER

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R PROJECTS

- Car prices prediction using KNN
- Spam filter using Naive Bayes algorithm
- Mobile app for alleviating lottery addiction
- Analysis on best two markets to advertise
- Investigation of 'Fandango' movie ratings
- Designing and creating SQL database
- Financial analysis : portfolio optimization

PYTHON PROJECTS

- Handwritten digit classifier
- Answering business questions using SQL
- Recommendation : Profitable app profile for app developers
- Stock price prediction
- Bike rental prediction
- High value questions prediction using statistical analysis in a reality show
- 'Star Wars' sequel analysis to determine continuity of popularity
- Analysis : SAT scores and demographics
- Analysis : Employee exit survey
- Analysis : Ebay car sales
- Visualization of gender gap

WORK EXPERIENCE

Manager, Sound

Radio Shadhin 92.4 FM

- On air productions
- Audio branding productions for corporate clients like Unilever
- Audio production for government projects like "Commonwealth Parliamentary Conference"

EDUCATION

American International University, Bangladesh

- BBA . Major in Economics, Finance and Accounting (3.17)

Bangladesh University of Business and Technology

- Masters in Economics (3.45)

Dataquest.io : Data Science and Data Analysis Course

- Learned programming, data manipulation, predictions using statistics and machine learning, utilizing SQL databases and MapReduce.

SKILLS

- ✓ Python, R
- ✓ Pandas, Tidyverse
- ✓ Spark
- ✓ Data Visualization
- ✓ Data Cleaning and manipulation
- ✓ Command line
- ✓ Git and Version Control
- ✓ Probability and Statistics
- ✓ SQL
- ✓ Power BI

PUBLICATION

- ★ How Music Can Be Turned Into Dataset
Published in *Towards Data Science* on 16th December, 2020
- ★ Voice Cloning : Corentin's Improvisation on SV2TTS Published in *Data Science Central* on 17th February, 2021