


Shreya Mukerjee

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End to End Data Science Course - supervisedlearning.com, 2019

IBM Data Science Professional Certificate, 2019

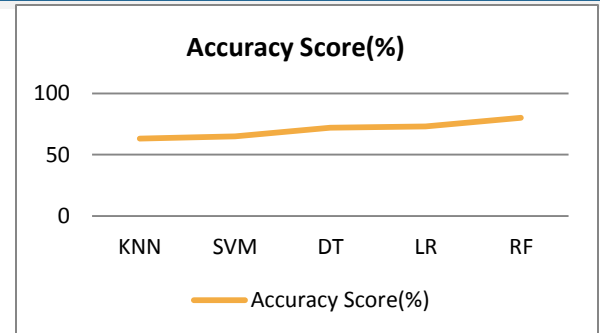
BE in Biomedical Engineering

DJ Sanghvi College of Engineering, 2010-2014

My best work in Data Science – Loan Prediction

Worked on building a classifier to predict whether a loan case will be paid off or not. Worked on finding parameters that lead to loan prediction. Developed a Random Forest model with accuracy of 80% classifying the data points into loan will be paid off or not.

Packages used: Pandas, NumPy, Matplotlib, Seaborn, Scikit learn.



Other Significant Projects

Age correlation with Lumbar angles

Closely worked with a spine surgeon's research project to analyse correlation of age, gender with lumbar angles for tropism patients

Significant results which were never published were found and reported.

Titanic Disaster – Survival Prediction

Worked on Titanic passenger data and did extensive exploratory data analysis on the factors leading to a person's death. Developed a Random forest model with accuracy 81%.

Auto insurance policy – Fraud detection

Worked on to segregate transactions as fraudulent or not. Did EDA on factors leading to fraud. Developed a Random forest model with accuracy 83%.

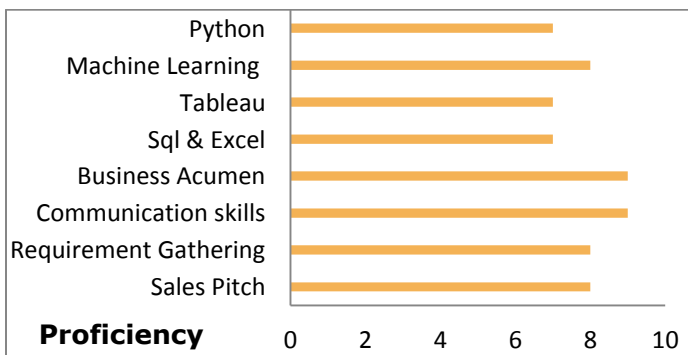
Relevant Course work

- Four courses in **Engineering Mathematics** covering Advanced Calculus, Linear Algebra, Probability and Statistics
- One course in **Statistical Modeling** covering Regression, Time Series Analysis
- Two courses in **Applied Predictive Analytics** covering Decision Trees, Random Forests, AdaBoost, Association Rules, Neural Networks, Clustering, Support Vector Machines

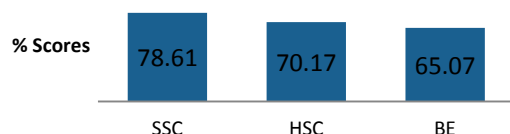
Achievements

- Has been recognised for best performance for efficient generation of leads and streamlining the process at Health Converge.
- Have consistently worked across diverse domains – marketing, sales, HR and product management and achieved results.
- Initiated and closed meetings with high-profile doctors in neuro and onco domains.

My Skillset



Education



Work Experience

Data Scientist Intern, supervisedlearning.com(Jan, 2019 – present)

Responsible for developing content in a succinct and understandable manner. Helped the team develop five data tales till date.

Consultant, Health Converge (Oct, 2018 – present) (previously, Senior Technical Advisor(Feb, 2015 – Sept, 2018))

- Managing 2 departments: Healthcare IT(cloud based software – B2B) and medical tourism(B2C).
- Worked on lead generation for the flagship product through multiple online(Digital marketing) and offline channels. Devised strategy and led a team of two for sales
- Worked on getting 5 high-value clients in a year which was responsible to gain entry in the superspeciality(i.e. neuro, onco, cardio) domain
- Delivered end-to-end maintenance i.e. requirement gathering, feature installation. Also, resolved bugs and errors with very less TAT
- Developed Technical documentation for 4 modules
- Overseeing overseas BD. Achieved around 5 contracts(signed by the CEO's) with top hospitals in India

Trainee Programmer, Quantum Designs (Oct, 2014 – Nov, 2014)

Worked on designing a temperature controller as a Trainee.