

Aniket Maheshwari

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EDUCATION

University at Buffalo, The State University of New York

Buffalo, New York

Master of Professional Studies in Data Science | GPA: 3.6

Grad: Feb 2023

Relevant Coursework: Probability, Multivariate Statistics, Numerical Analysis, Applied Statistics, Machine Learning, Databases, Statistical Analysis with R, Cybersecurity.

St. Xavier's College, India

Ahmedabad, India

Master of Professional Studies in Data Science | GPA: 7.6

Grad: June 2020

Relevant Coursework: C, C++, Advanced Data Structures & Algorithms, Core Java, Statistical Computing.

WORK EXPERIENCE

Web Developer Intern – Silverwing Technology Pvt. Ltd., Ahmedabad

June 2019 - Nov 2020

- Executed various SQLite database queries using Python -MySQL connector and MySQL DB package.
- Designed and developed the UI of website using Django.
- Modified features according to client requirement and suggested modifications for better performance.

PROJECTS

Quora Similarity Questions: [\[Link\]](#)

- Predicted the given set of questions as duplicate or not by implementing machine learning models like Logistic regression, Linear SVM, Random Forests and XGBoost. Used libraries like pandas and Scikit-Learn
- Pre-processed data deploying NLP techniques likes removing stopwords, Tokenization, stemming etc
- Applied feature engineering techniques like Bag of words, TF-IDF, Fuzzywuzzy, word2vec using GLOVE

Personalized Cancer Diagnosis: [\[Link\]](#)

- Classified given genetic mutation into one among 9 classes of cancer severity based on text-based clinical literature
- Pre-processed data by removing special characters, stop words, stemming and handling missing data
- Implemented Naïve Bayes, KNN, Logistic Regression, Support Vector Machines and Random Forest Models with one-hot encoding and response coding

Human Activity Recognition using smartphone sensor: [\[Link\]](#)

- Build a Model that predicts human activities such as Walking, Standing, Laying, Sitting
- Implemented Logistic Regression, Linear SVC, Kernel SVM, Decision Tree, Random Forest Classifier and Gradient Boost with Linear SVC giving the highest accuracy of 96.47%
- Fitted Deep Learning LSTM models with 1 Layer and 2 Layer on RAW data and getting accuracy of 91%

Other Projects:

- Performed Linear, Ridge, Lasso Regression and Random Forest Regressor to predict **Medical Insurance Cost** and completed an end-to-end implementation by creating a web application. [\[Link\]](#)
- Deployed a web application on streamlit that **predicts plant disease** using Convolutional Neural Network for image classification. [\[Link\]](#)

TECHNICAL SKILLS

Python (Pandas, NumPy, Scikit-learn, Keras), SQL, R, Tableau, Bayes Probability, Regression, A/B Testing, Product Management, Machine Learning Algorithms (Linear & Logistic Regression, KNN, Support Vector Machines, Decision Trees, Random Forest), Deep Learning (RNN, LSTM, CNN, Neural Nets)

VOLUNTEER EXPERIENCE

Economic Growth Volunteer (AIESEC in Egypt)

- Contributed to one of the United Nations global goals, (Goal #8) Decent work and economic growth in the realization peak winter '16/17. Facilitated classes that taught youth the basics of entrepreneurship and steps of building own start-ups from scratch