Meet Shah

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EDUCATION AND HONORS

University of Mumbai, Shree LR Tiwari College of Engineering   Mumbai, IN
Honors Bachelors in Electronics & Telecommunications (EXTC)   June 2021
- Cumulative GPA: 8.5/10
- Relevant Coursework: Big Data Analytics, Probability & Discrete Mathematics

University of Mumbai, Shah & Anchor Kutchhi Engineering College   Mumbai, IN
Honors Diploma in Electronics & Telecommunication (EXTC)   June 2016
- Cumulative GPA: 6/10

PERSONAL EXPERIENCE AND PROJECTS

Directing Customers to Subscription Through App Behavior Analysis
Industry: FinTech, OTT, and other subscription based Businesses
- Applied Data Mining & Feature Engineering methods to extract advanced information from the data using Numpy and Pandas.
- Utilized python and gpu to implement supervised machine learning techniques on unstructured data, which reduced total process time by 20%.
- Accomplished a 77% mean accuracy as measured with K-Fold Cross Validation by applying a Classification based Logistic Regression algorithm.
- Presented Using this model, companies can narrow their marketing efforts only to those users 'unlikely' to subscribe, thus increasing their subscription rate attracting unlikely users with irresistible long-term offers.

Predicting the Likelihood of E-Signing a Loan Based on Financial History
Industry: Banking, Finance
- Achieved a 64% accuracy with Parameter Tuning to identify quality applicants using an Ensemble and Bagging Technique like Random Forest algorithm.
- Companies can leverage this model to provide a Specialized onboarding experience to non-quality applicants encouraging them to complete the E-Signing process.

Breast Cancer Prediction
Industry: Healthcare, Pharmaceutical, Medical
- Successfully classified a tumor into 'Malignant or Benign' with a 98% accuracy as measured by using Support Vector Machine (Classifier) algorithm after Hyper Parameter Optimization and Tuning.
- This model can be leveraged in Healthcare related Industries resulting in early detection of a malignant tumor giving high cure rates.

SKILLS
- **Programming Languages:** Python, R, Java, C, C++
- **Big Data & Machine Learning:** AWS, Azure, IBM Cloud, Python (eg. scikit-learn, numpy, pandas, matplotlib, plotly)
- **Data Science & Miscellaneous Technologies:** A/B testing, ETL, Data science pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, Experimental design, Hypothesis testing, Tableau, Nvidia Rapids, Regression, Classification, Clustering, SQL, OOP, OOD, APIs, Excel, PowerPoint, Git

SCHOLARSHIPS AND CERTIFICATIONS

Google India Scholarship
Android Development
- Got selected for a full time google scholarship as top 350 out of 15000 students on a national level.
- Collaborated with the google team and other fellow participants for building a movie- series suggestion app.

IBM Data Science Professional Specialization
Data Science and Machine Learning
- Learned how to Import and clean data sets, analyze and visualize data, and build and evaluate machine learning models and pipelines using Python.
- Applied various data science skills, techniques, and tools to complete a project and publish a report.