ABHIGYAN SINGH

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Medium: Abhigyan – Medium

EXPERIENCE

March 2021 - Present	Data Science Intern, **Hylobiz**

- Created a ETL flow using Airflow for multiple processes in the organization.
- Customer Acquisition Modelling to increase ROI on Ads.
- Created Automated PDF reporting system that send weekly business summary to our customers.
- Created Payment Fraud and Invoice Fraud System.
- Created KPI Dashboards for Sales Team, as well as Stake holders to track the business.
- Created OCR models using python libraries to read KYC Documents and Bank Statements.

September'2020 to March 2021	Data Science Research Intern, **INSAID**.

- Researched on algorithms to tackle domain specific problems.
- Write tech blogs for company.
- Data Visualization and Predictive Modeling.
- Helped create course material.
- Research on AutoML and Cloud platforms to build a course.

PROJECTS

Other Projects:

News Classifier and fetcher

- Created a model that could predict the category in which news article belongs. Deployed it using AWS Fargate by containerizing it with Docker.
- Achieved accuracy score of 0.65 on the test data.
- Algorithm Used: Logistic Regression.
  https://github.com/AbhigyanSingh97/NewsClassifier_And_Online_news_fetcher

Loan Prediction

- Worked on the problem of predicting the number of defaulters of a given loan.
- Achieved an f1-Score of 99% for the imbalanced data.
- Algorithms Used: Logistic Regression, RandomForest, ExtraTree, XGBoost and KNN. RandomForest performed the best.
  https://github.com/AbhigyanSingh97/Loan-defaulters-prediction

EDUCATION

- Bachelor of technology in Electronics and Communication Engineering from **SRM University (Chennai)** with a percentage of 72.13.

SKILLS

Technical Skills

· *Python, R*

· *Machine Learning*(**Linear** and **Logistic Regression, Decision Trees, RandomForest, XGBoost, KNN, KMeans, SVM, PCA, scikit-learn, pandas, NumPy**)

· *Deep Learning*(**Ann, CNN, RNN, Attention, Transformers, tensorflow, keras**)

· *NLP*

· *Databases*(**PostgresSQL, Basic knowledge of MongoDB**)

· *Tableau, PowerBI, Kibana*

· *Cloud Platform*: **AWS, Azure**.

· *Tools*: **Jupyter Notebook, Spyder IDE, AWS SageMaker, Azure Notebook, PyCharm, Microsoft Excel.**

· *Others:* **EDA, Data Visualization, Feature Engineering, Feature Selection**.

· *MLOps/DevOps* – **Apache Airflow, Jenkins**

Personal Skills

- Possess the quality of a Good Story Teller.
- Team Player with effective communication skills.
- Ability to think of parallel solutions to the complex issues.

ACHEIVEMENTS

· **Mentor peers** in Machine Learning and Data Science.

· Presented and **Achieved 6th Place** in College **Major Project on Breast Cancer Classifier from Clinical Scans** in **International Conference on Recent Trends in Electronics, Computing and Communication Engineering (ICRTECC),2019**.

· **Write articles in Medium on topic of Machine Learning and Data Science**.

COURSES / CERTIFICATION

Data Science Pro-Degree in Collaboration with Genpact from Imarticus Learning Bangalore.