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Bangalore, India
Web-Portfolio

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Data Science Projects

Data Science Projects

🚗 Predict Severity of Airplane Accidents. [Automobiles]   **More**

- Predict Severity of airplane accident using 'Accident ID'. Required to build Machine Learning models to anticipate and classify the severity of any airplane accident based on past incidents.
- To analyse and implement multiple algorithms and determine which is more appropriate for a problem. Pre-process and clean the data for modelling. Train a **classification model** using **Logistic Regression, SVM, Random Forest, XGBoost, AdaBoost, Decision Tree, Bagging Classifier, Voting Classifier**.

🎞 Movie Recommender System. [Network Media and News]   **More**

- The dataset contains 5000+ movies from IMDB ratings and fetched it from Imdb source which contains 20 features
- Categorization based Natural Language Processing, that would perform localization and recognition of text and categorize. Train a Classification Model using Text and similarity scores.

🛍 SMS Spam Detection. [Retail Industry]   **More**

- The dataset is taken from Kaggle which contain the spam and ham sms, outcome is to predict the spam sms and ham sms separately
- Analyzed and implemented many pre-processing techniques also used a bit NLP technique to process the data and build ML models to classify the spam and ham sms and got the best accuracy as of base model

🛍 Broadband Outage Detection. [Retail Industry]   **More**

- Indian Broadband Company is Facing Outages duration, Task is to predict the outage duration with the features
- Modelling framework to predict **classification** of three class (0,1,2), Trained using **Decision tree, Random Forest** and **XGBoost**.

🎞 News Category Classifier. [Network Media and News]   **More**

- This dataset contains around 200k news headlines from the year 2012 to 2018 obtained from HuffPost. The model trained on this dataset could be used to identify tags for untracked news articles or to analyzed the type of language used in different news articles.
- Categorization based Natural Language Processing, that would perform localization and recognition of text and categorize. Train a Classification Model using Text **CNN**, **Bidirectional GRU** + **Convolution** and **LSTM**.

PROFESSIONAL EXPERIENCE

Financial Executive Analyst   Aug '21 Present

Flipkart
Client: Myntra logistics

Responsibility:
- Developed strategic plans for day-to-day financial operations.
- Validated existing accounting management and reporting systems to assess quality and conformance, Authored problems and implement corrective actions.
- Prepared internal and regulatory financial reports, balance sheets and income statements.
- Oversaw high-volume accounting operations with team focused on efficient budget administration, AP/AR and other financial management needs .
- Recorded deposits reconciled monthly bank accounts and tracked expenses.
- Aid in the capital budgeting and expenditure planning processes.
- Checked payroll, vendor payments, commissions and other accounting disbursements for accuracy and compliance
- Kept up-to-date and accurate funding accounts for internal departments, key programs and special projects.

PROFESSIONAL EXPERIENCE

Financial Associate   Dec'17 – Mar'20

Capgemini Technology Service
Project: Account payable department

Responsibility and Achievements

• Managing Accounting Records of **Australian clients.**
• Handled both purchase order and non-purchase orderinvoice
• Conducted invoice verification, coded with GeneralLedger, and ensured **approval of payments**
• Provided **adequate support** to the **team members** toalleviate **critical issues** and **accomplish the goals**
• Carried out both **manual** and **auto payments** after theseeking the approval for the same
• Evaluated company **reconciliation** including provision booking, general & purchase ledger & **reversal provision**
• Revered with **Rising Star Award** for demonstrating unparalleled flexibility, **commitment,** and **dedication**
• Assessed the process and resolved **complex company issues** thereby receiving the **ValueCreator Award.**

TECHNICAL SKILLS

• **Programming Languages: Python**, Pyspark, R-Programming, **SQL** Quires, MATLAB, C, HTML, CSS.
• **IDE, Applications & Cloud: Azure,** DataIku, RapidMiner, AWS, GCP, Git, Tableau, Visual Studio Code, Jupyter Notebook, Google Colab.
• **Data Science Libraries: Pandas**, NumPy, Sci-Kit Learn, TensorFlow, Keras, SciPy, Seaborn, Matplotlib, ggplot2, caret, Spacy, Plotly.

RELATED COURSEWORK

• **Web Technologies:** HTML, CSS, XML, Python, Pyspark, REST API, Spark.
• **Data Mining:** MapReduce, Frequent itemset mining, Recommendation systems, Analysis of social networks.
• **Natural Language Processing:** Perceptron, BERT, Elmo, HMM, Neural Nets, NER, TF-IDF, Dependency parsing.
• **Database Management:** RDBMS, HDFS, Hive, Pig, EERD, PostgreSQL.

EDUCATION

• **International School of Engineering, Data Science**	Carnegie Mellon University	Nov 2019– June 2020
• **Bachelor of Commerce**	Davangere University	June 2014 – May 2017

CERTIFIED COURCES

• Master Python for Data Science, LinkedIn   More
• Python Data Analysis, LinkedIn   More
• Python for Data Science Tips, Tricks and Techniques   More
• Advanced NLP with Python for Machine Learning, LinkedIn   More
• Business Analytics: Forecasting with Trended Baseline Smoothing, LinkedIn   More
• Machine Learning with Scikit-Learn, LinkedIn   More
• SQL Server Machine Learning Services: Python, LinkedIn   More