|  | Email: [lavanyavenkata33@gmail.com](mailto:lavanyavenkata33@gmail.com) | **Venkata Lavanya K** | | Mobile: +91-7406689228 | |
| --- | --- | --- | --- | --- | --- |
|  | **Employment** | | | | |
|  | **Software Engineer** | | **Eximius Design India Pvt Ltd** | Feb 2018-April 2019 | |
|  | **Client: Zebra Technologies**  **Project : Financial Text Analytics**   * Client wants to develop NLP and Deep learning models to predict whether the Sentiment is Positive or Negative. * Performed text preprocessing techniques such as BOW, TF-IDF and Word2vec to convert into numeric vector data. * Trained deep learning models such as Lstm, Bi-directional Lstms for model development. * Evaluated the model performance using precision, recall, f1 score. | | | | |
|  | **Software Engineer** | | **Wesnia Info Solutions Pvt Ltd** | **Jun 2015 – Feb 2018** | |
|  | **Project : Portuguese Bank Marketing**   * Goal of the project is to predict if the client will subscribe to the term deposit or not. * Performed data collection from SQL database using sql alchemy .Involved in Exploratory Data Analysis, Data preprocessing, Model building, hyper parameter Tuning. * Evaluated the model performance using precision, recall, f1 score, log loss, auc-roc curve. | | | | |
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|  | **Project :** **Credit Card Approval**   * Increased the speed of Credit card Approval processing from weeks to hours for faster credit decisions. Implemented using bagging and boosting supervised machine learning algorithms. * Structured data was collected from SQL database using sql alchemy and performed Exploratory data Analysis, Data Preprocessing, Model Building and Hyper parameter Tuning. * Evaluated the model performance using precision, recall, f1 score, log loss, auc-roc curve. | | | | |
|  | **Languages And Technologies** | | | | |
|  | Programming Languages - Python, SQL.  Framework and Packages - Flask, Numpy, pandas, matplotlib, seaborn, Spicy, scikit – learn, joblib, pickle.  Machine Learning Algorithms- Regression, Classification, k-means clustering, Bagging & Boosting.  Deep Learning – ANN, CNN, RNN, LSTM, Bidirectional LSTM.  Text preprocessing Techniques – BOW, TF-IDF, Word2Vec, Word Embeddings.  Data science - Exploratory Data Analysis, Statistics, DataPreprocessing, Predictive Modelling.  IDE & Other Tool – Jupyter Notebook, colab, Pycharm, git, Jira. | | | | |
|  | **Education** | | | | |
|  | | QUALIFICATION | BOARD/UNIVERSITY | PERCENTAGE | DURATION | | --- | --- | --- | --- | | B. Tech | Jntu Anantapur, India | 80.16 | 2011-2015 | | Intermediate (12th) | Board Of Intermediate Education, A. P., India | 95.5 | 2009-2011 | | SSC (10th) | Board of secondary education, A. P. India | 85.5 | 2008-2009 | | | | | |
|  | **Professional Certifications** | | | | |
|  | * Completed Certified Data Scientist from Datamites. * IABAC Certified DataScience Foundation. | | | | |