

Abhijeet Kamble

| 9284876189 | abhijeetk597.ds@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Data Scientist

EXPERIENCE:

Freelancer

Jul 2023 - present

Contributed to various machine learning projects.

Assistant Manager - Credit, State Bank of India

Jan 2023 - Jul 2023

Assistant Manager - Analytics, State Bank of India

Jan 2020 - Dec 2022

Joined as Probationary Officer and was selected to work at Bank's Analytics Department. Reported insights which improved lead conversion rate by 5%

SKILLS: PYTHON | PANDAS | NUMPY | MATPLOTLIB | MACHINE LEARNING | SCIKIT-LEARN | DEEP LEARNING | NLP | TENSORFLOW | MYSQL | EXPLORATORY ANALYSIS | POWER BI | TABLEAU | FAST-API

PROJECT EXPERIENCE:

Real Estate Analyzer and Price Prediction

[ML | Python | Scikit-Learn | StreamLit | AWS]

- Project involved scraping data from a famous real estate website 99acres.com, extensive data cleaning and feature engineering using Pandas.
- Presented comprehensive property analysis highlighting market trends and opportunities; drove the development of an ML model predicting price range with an accuracy rate of 82%.
- Built a prototype website for Real Estate Analysis and House Price Prediction and deployed on AWS.

Credit Default Prediction using Machine Learning

[ML | Python | Scikit-Learn]

- Developed a machine learning model to analyze credit risk and predict if the loan will be paid or not.
- Processed and analyzed a dataset, involving extensive data preprocessing and encoding categorical data to enhance model performance
- Implemented a Random Forest Regressor model from the Scikit-Learn library, achieving an impressive 84% accuracy on test data. Additionally, conducted feature importance analysis to gain insights into the factors influencing the credit risk.

Dog Breed Identification in DL Transfer Learning including Deployment

[Deep Learning | Python | TensorFlow]

- Compiled a deep learning model for dog breed classification, utilizing transfer learning techniques
- Applied a 2-phase execution plan, involving image pre-processing and augmentation, experimenting with models such as mobilenet_v2 and resnet_v2_50 and achieved accuracy of 85% and 70% respectively on validation data.
- Crafted and deployed a highly interactive WebApp named "Dog Vision" on StreamLit Cloud, showcasing real-time image recognition capabilities; garnered 1000+ users within the first month and received positive feedback on user experience and functionality

NLP Model to Classify Research Paper Abstract Sentences

[Deep Learning | Python | TensorFlow | SpaCy]

- Classified abstract sentences into Objective, Background, Methods, Result and Conclusion using NLP model.
- Experimented with various models using Naïve Bayes, CNN, character and token embeddings, Transfer Learning.
- Replicated a model from 2017 paper [PubMed 200k RCT: a Dataset for Sequential Sentence Classification in Medical Abstracts](#)
- Reached an accuracy of 88% after implementing pre-trained deep learning models like Universal Sentence Encoder and BERT in embedding layer.

Telangana Growth Analysis

[Power BI]

- Developed a Power BI dashboard for quantitative analysis, analyzing Telangana's growth across sectors including agriculture, manufacturing, and services; identified key growth opportunities for government initiatives resulting in a 15% increase in investment
- Delivered compelling insights with a success rate of 90%, serving as an indispensable catalyst for shaping data-driven decisions and propelling the state's growth trajectory forward

CERTIFICATIONS:

- Supervised Machine Learning: Regression and Classification from [DeepLearning.ai](#)
- Python Basic Certification from [Hackerrank](#). Also achieved a 5 Star badge in Python
- Achieved a Hackerrank 5 Star badge in MySQL. Completed [SQL Basic Certification](#)
- Power-BI Certification from [CodeBasics](#) and completed a project 'Business Insights 360'

EDUCATION:

B.E., Mechanical Engineering

Jun 2017

Shivaji University Kolhapur, Maharashtra, India