**SUMMARY/CAREER OBJECTIVE**

Looking to work in an organisation that can provide a variety of opportunities that allow me

to expand my skills and knowledge while working towards achieving the organizational skills.

**Linkedin** : https://www.linkedin.com/in/vishal-gautam-b1758a1b7

**KEY SKILLS**

* **Python:** Scikit-Learn, NumPy, Pandas, Matplotlib, Seaborn, SciPy
* **Exploratory Data Analysis:** Data Understanding. Data Cleaning and Pre-processing, Visualization
* **Statistics:** Probability Distributions, Descriptive Statistics, Hypothesis Testing ,Annova
* **Machine Learning:**
* **Supervised:** Regression and Classification
* **Unsupervised:** Dimensionality Reduction(PCA),Clustering(K-Means, Agglomerative)
* **Database Management:** MySQL(DDL, DML, Views, Joins, Sub queries)

**ACADEMIC PROJECT**

# 1. Bankruptcy Prediction

**Objective**:-The aim in this project is to use features to understand their impact/role on the selected models and how they can help us recognizing the companies that are close to bankruptcy.

**Outcome**: Bankruptcy predicted by building various models and performing hyperparameter tuning on the models to get best results. Various business insights were provided based on the results obtained.

**Key skills:** Exploratory Data analysis using NumPy and Pandas, Statistical Testing, Logistic Regression, Decision Tree, Random Forest, various Boosting techniques and their Hyperparameter Tuning.

**2. HOUSE RENTAL PREDICTION**

**Objective**: This project aims at Predicting House Rental Price using Machine Learning model (Supervised

Learning Regression).

**Outcome**: Predicted house rent by building various models and performing hyperparameter tuning on

the models to get best results.

**Key skills**: Exploratory Data Analysis using NumPy and Pandas, Statistical Testing, Linear Regression,

Decision Tree, Random Forest and their Hyperparameter tuning.

**Certifications**

* Python Basic Knowledge-Great Learning
* Participated in Hackathon

**EDUCATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **Institution** | **Year** | **Remarks** |
| Post Graduate Program in Data Science & Engineering | Great Lakes Institute of Management | 2022 | Completed |
| B.Tech(Electrical Engineering) | Institute of Technical Education and  Research(SOA University),Bhubneshwar | 2020 | 69.35% |
| 12th Std | Kendriya Vidyalaya No.1 Gaya, Gaya | 2015 | 71.2% |
| 10th Std | Kendriya Vidyalaya Danapur Cantt, Patna | 2013 | 91.2% |

**Internship Summary**

**Trainee Engineer, Sbpdcl May 2018– June 2018**

* Done an internship at South Bihar Power Distributions Company Ltd.
* During my internship, I had undergone inplant training at 33/11KV power substation MRT Lab at karbigahia, Patna.
* Under my training, I had learned about transformers like how they work, how we get electricity with the help of power substations ,how different instruments are well connected with each other either through earthing or without earthing.
* Basically I was able to develop my skills and got industrial knowledge which will help me to understand what’s actually happening in industry.

**Extra-curricular achievements**

* Worked as a team player in English Café club during college days and had organised many events as a volunteer.
* Participated in college fests.