VICKY SINGH

GitHub | LinkedIn

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EDUCATION

Degree	Institute/School	Board/ University	Year
MCA, (I-Year) (Pursuing)	IGNOU	IGNOU	2024
B. Com (Prog.)	SOL, Delhi	Delhi University	2015-18
Senior Secondary	Govt. SBV, Nand Nagri, Delhi	CBSE	2014
Matriculation	Govt. SBV, Nand Nagri, Delhi	CBSE	2012

EXPERIENCE

- Internship with Ignite Intern as Data Analyst from May 2024 – June 2024 (Remote)
- Internship with Bharat Intern as Data Science Intern from August 2023 - September 2023 (Remote)
- Internship with The sparks foundation as Data Science Intern from June 2023 - June 2023 (Remote)
- Internship with FlipRobo Technologies Pvt. ltd as Data Science Intern from May 2021 - Oct 2021 (Remote)
- Full time working as office assistant at Everest Enterprises Pvt. Ltd. from April 2017 – at Present

PROJECTS

- **Customer Retention Case Study Project**
    - Created a Customer Retention Case Study Project with the help of **Python Language**. The e-retail factors for customer activation and retention. This is a case study from Indian e-commerce customers.
    - Engineered and implemented EDA, Data Wrangling, Data Preprocessing, Data Visualization techniques to achieved the major factor for customer retention.

- **Loan Application Prediction Project**
    - Analyzed Loan Application Prediction Project using **Python**; conducted data cleaning and exploratory data analysis, Treating null values, Z score value (removing outliers), Data Scaling, Using SMOTE (Imbalance target variable),
    - – Engineered and implemented advanced recommendation algorithms using **Scikit-learn**, **Pickle**, **Pandas**, and **Numpy**; achieved an exceptional accuracy rate of 82% through different parameters, Cross validation, Hyperparameter tuning.

- **Micro Credit Defaulter Model Project**
    - Created Micro Credit Defaulter Project using Python; implemented data cleaning and exploratory data analysis, Treating null values, Z score value (removing outliers), Data Scaling, to achieved an exceptional accuracy.
    - Deployed advanced recommendation algorithms using **Scikit-learn** and achieved 92% accuracy by Random_Forest Classifier and having a F1 score of 92%, cross validation score of 92% and AUC score of 91%.

- **Super Store Sales Dashboard with Power BI**
    - Created a financial dashboard with Power BI, providing real-time insights on Sales, Revenue, Discount, Category, Segment. Used Graphs/Charts: Cards, Slicer, Donut chart, Pie chart, Funnel, Stacked Column Chart.

TECHNICAL SKILLS

- **Programming Language** : Python
- **Software and IDEs**   : Power BI, Tableau, SQL, Jupyter, Google Colab, MS-Excel, MS Word, MS-Powerpoint, Chat GPT
- **Operating Systems**   : Windows, Android

CERTIFICATIONS

- Certificate from Data Trained in One Year PG Program in Data Science, Machine learning & Neural Network (Online)
- Certificate from IBM in Machine learning with Python (Online)
- Certificate from Great Learning in Data Analysis using Excel (Online)

KEY COURSES TAKEN

- Machine Learning, Database Management System, NLP

LIBRARIES

- Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Smote, SciPy, etc.