Nitesh Singh

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SUMMARY

Aspiring data scientist with 2 years of experience in tech consulting industry. Skilled in utilizing tools and technologies such as C4, ACS, and Citrix to support clients. Currently pursuing PGP in data science, gaining knowledge and experience in MySQL, data visualization, data cleaning, pre-processing, feature selection, and deploying machine learning models to production.

WORK EXPERIENCE

Genpact: Consultant   **June 2019 - March 2022**

- ➢ Tech support to employees in addressing access issues using ACS, Citrix, and C4 Tools.
- ➢ Worked on Automation Projects, Perform Quality Check of work that has been executed by BOTs.
- ➢ Share yearly auditing reports with Internal and External Auditors.

CAPSTONE PROJECT

- **Aadhar Card Authentication, Extraction & Masking:**   **Team Size-4**

  A system that will check for Aadhar Authenticity through Error Level Analysis **(ELA)**, Extract data from the document using **Optical Character Recognition (OCR)** and mask the confidential information on the document as per RBI Guidelines. Tools and libraries used- **Python, Pytesseract OCR, EasyOcr, regular expression, OpenCV, Skimage, matplotlib, Numpy and Pandas, Flask for model deployment.**

PORTFOLIO PROJECT

- **Bank Customer Churn Prediction:**

  In this project, I developed a customer churn prediction model using a dataset with over 10,000 records and 14 features. I performed **exploratory data analysis and Data visualization** to gain insights into the data. To build the model, I utilized several machine learning algorithms, including **Logistic Regression, Decision Tree, Random Forest, XGBoost, K-Nearest neighbors, and SVC**. The goal of this project was to predict whether a customer will exit the bank or not, which can help the bank to take necessary actions to retain their customers.

- **Black Friday Sales Prediction:**

  The goal of this project is to explore strategies that can help retailers optimize their Black Friday sales operations while improving the shopping experience for consumers. Using a dataset containing over 550,000 records and 12 features, I explored various regression techniques, including **Linear Regression, Decision Tree Regression, and Random Forest Regression**, to predict Black Friday sales. By evaluating the machine learning models.

- **HR_Analytics Classifier:**

  In a company, 4000 employees, and every year 15% of employees are leaving the company. We have to analyze
  The reason as well we will predict based on the features if the employees leave the company or not.
  Steps-EDA, Missing value imputation, Feature engineering, Model building and Model evaluation.

- **Google Store App Rating Prediction:**

  The goal of this project is to predict the rating of apps in the Google Play Store using machine learning techniques. The model will analyze various features such as app description, number of downloads and user reviews to make predictions about the app's rating.
  Steps-EDA, Pre- processing and Modeling used Random forest, Decision tree

SKILLS

- **Technologies** - MySQL, Machine Learning, Power BI, Python, Statistical Analysis, Data Visualization, Data Analysis, NLP, Tableau.

EDUCATION

- PGP in Data Science, Business Analytics and Big Data | Aegis School of Data Science | Pursuing
- Bachelor of Computer Application | 2016 – 2019