Meghawati Dhawale

Software Engineer-Data Science

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CAREER OBJECTIVE

Passionate data scientist with two years of hands-on experience, eager to tackle more complex challenges and contribute valuable insights to drive data-driven decision-making. Seeking a dynamic role in a forward-thinking organization where I can further refine my skills, leverage advanced analytics, and actively contribute to the company's success.

PROFESSIONAL SUMMARY

- Conducted **data analysis, data cleaning, data mining preprocessing** and **feature engineering** on large datasets using **Python** and **SQL** to ensure data quality and integrity.
- Implemented machine learning models and algorithms, such as regression, classification, and clustering, to solve business problems and optimize processes.
- To Undertake the prepossessing of supervised & unsupervised learning data. Collaborated with cross-functional teams, including business stakeholders and understand business requirements and translate them into data-driven solutions.
- Worked on Data Science with Python and all phases of **Data gathering**, **Exploratory Data Analysis(EDA), Feature Engineering**, **Feature Selection/Extraction**, **Model Training**.
- Able to investigate **Data Visualization** and **summarization techniques** conveying key findings.
- Good Knowledge of **Flask API**, **POSTMAN**.
- I have good knowledge on **Deep learning and NLP** (Natural language Processing).
- Communicates findings and obstacles to team members to achieve best approach.
- Experience on project management tool like **Jira**.
- Ability to write a clean and scalable code with OOPS in Python.
- Source code management, **Git and GitHub**

WORK EXPERIENCE

Software Engineer

KNS TECHNOLOGIES | OCT 2021 TO PRESENT

PROJECTS

1 . To check wheather the customer is placing fraudulent claim or not

Insurance company noticed an unusual increase in the number of claim being submitted by customer and the rate of claim goes in increasing. Our client is facing issue with detection of fraudulent claim. So, to solve this problem we have created the model in such a way that we will be predicting whether the customer placed fraudulent claim or not.
Role and Responsibility-

- Data collection, pre-processing and Feature engineering.
- Model selection, training and evaluation. Perform hyper parameter tuning to improve accuracy.
- Deploying ML Model into production.

2 . Automated resume parsing system to accurately extract essential candidate details

Data cleaning and conduct extensive data analyzing on a large datasets.
Data collection, pre-processing and Feature engineering. Model selection, training and evaluation.
Design Models for different types of data (PDF,doc,docx,jpegetc.) and extract insights from data.
Work within a multidisciplinary team to understand, data, and requirements and develop the appropriate AI or **NLP** model.

3. Analysis Of Drug Reviews In Different Regions Using NLP.

Business problem is, It is hectic task for client to do analysis of released drug and their performance in different regions. So, we have created a model to analysed the feedbacks from customer and detect the common side effect of particular drug in that specified region.
Role and Responsibility-

- Part of understanding problem statement.
- Data collection, pre-processing and Feature engineering. Model selection, training and evaluation.
- Deploying NLP Model into production.

TECHNICAL SKILLS

Math's & Stats:

- Filter Methods, Wrapper Methods, Embedded Methods, P-Value, T-Test, Z Test, ANOVA Test, Chi-Square Test, Info-Gain Test, Hypothesis Testing. Probability, Statistics, Linear Algebra, Probability, Statistics,
  Linear Algebra, Gradient Descent.

Data Visualization Tool:

- Tableau

ML and DS:

- **Python Packages** - NumPy, Pandas, Sci-Py, Scikit-Learn, Seaborn, Matplotlib, Flask, Imblearn, Plotly. **Machine Learning:** Linear Regression, Ridge & Lasso Regression, Logistic Regression, Naïve Bayes Classifier, KNN, SVM, Decision Tree, Random Forest, Ada-Boost, Gradient Boosting, XGBoost, K-Means
  Clustering, Principal Component Analysis, Hyperparameter Tuning.

Deep Learning:

- Neural Networks, ANN, CNN, Transfer Learning, Back Propagation, Forward Propagation.

NLP:

- Understanding, Representation, Classification & Clustering of Text Libraries: Nltk, Spacy, Techstat: BOW,
  TFIDF, Word2vec, Doc2vec, Sent2vec, Key phrase Extraction.

Databases:

- MySQL, MongoDB, PostgreSQL.

Excel:

- V-lookup, Pivot Table, Macros, Conditional Formatting.

EDUCATION

Degree:

- BE (Electronics & Telecommunication) | RTMNU University, Nagpur
  Passout Year: 2017

Post-Graduation:

- MBA | Savitribai Phule Pune University, Pune
  Passout year: 2019

INTEREST

- Artificial Intelligence.
- Programming.
- Travelling

LANGUAGES

- English.
- Hindi.
- Marathi