Bharati Suryawanshi

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Pune,India

Integrate my knowledge and experience to accomplish the organizational objective through sincere devotion and dedicated hard work. Looking for a challenging career in the field of IT-Software, where my knowledge and experience in Development Concepts and Methodologies in Data Science are shared and with Development encouraged. I work primarily in Machine learning, predictive analysis, Financial and Healthcare domain. Have expertise in preparing and pre-processing data, deriving useful insights from data, developing and deploying highly scalable machine learning models.

Education:

- M.E.(Computer)
- B.E.(Computer)

Skill Summary:

Python	Scikit Learn, Pandas, Numpy, Sci-py, Seaborn, Matplotlib, BeautifulSoup, Flask
Data Science	Data Analytics, Feature Engineering, Supervised Machine Learning, Unsupervised Machine Learning, Hyper Parameter Tuning
Text processing	NLP, NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words
Visualization Tool	Tableau
Other Skills	MongoDB, MySQL,AWS

Current Employer:

Working as a **Associate Data Scientist** in **e-Zest Solutions Ltd**, Pune from Jan 2019 to **till date.**

Designation: **Assosciate Data Scientist**

Project handled:

Project Title: Loan Default Prediction
Environment: Python, SQL, HTML, CSS, Flask, AWS.
Tools: Statistics, Empirical Data Analysis, Machine Learning or Natural Language Processing
Team Size: 6

Description:
With the enhancement in the banking sector lots of people are applying for bank loans but the bank has its limited assets which it has to grant to limited people only. Banks gives money to people in exchange for the promise of repayment. Some will default on the loans, being unable to repay them for some reason. The main objective was to predict which people will default on their loans based on their financial information.

Responsibilities:

- **Collected, analyzed and interpreted raw data** from various data sources.
- Work closely with various teams across the company **to identify and solve business challenges** utilizing large structured, semi structured, and unstructured data in a distributed processing environment.
- Search for ways to **get new data sources** and assess their accuracy
- **Assess the effectiveness** of new data sources and **data gathering techniques**.
- **Coordinate** with different **functional teams** to implement models and monitor outcomes.
- Use **predictive modeling** to increase and optimize customer experiences, **revenue generation**, ad targeting and other business outcomes.
- Used **statistical analysis to determine data behavior**.
- Perform **quantitative analysis** of trends to predict risk.
- **Analyzed data** to discover **trends and patterns.**
- Used **machine learning** on the data to create **predictive models.**
- **Produced insights** using **supervised machine learning**.
- **Coordinate** with different **functional teams** to implement models and monitor outcomes.
- Develop processes and tools to monitor and **analyze model performance** and data accuracy.

Date:
Place: Pune

Regards,
Bharati Suryawanshi