

Name: Akshay Sonawane

Data Scientist (Machine learning Engineer)

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Mobile: +91 8080994833

Summary:

A professional with 2+ years of experience as a Data scientist, I am a keen learner of data science and artificial intelligence; looking for an opportunity and platform where I can use my knowledge, skills and experience effectively for the employing company and learn much more in the process.

Professional Experience:

Value C Consulting Services Pvt Ltd, Mumbai | Jan 2020 – Present

- Current Designation- **DATA SCIENTIST**

- **Responsibilities:**

- Analysing and employing data structures, data modelling and software architecture, python packages such as NumPy, Pandas, SciPy, Seaborn, Matplotlib, SKlearn, and TensorFlow/ Keras.
- Analysing the data pertaining to various domains, building best fit models based on data and providing appropriate insights to the business.
- Applying various visualization techniques for a better understanding of the data.
- Approaching a data science problem constructively and finding effective and relevant solutions.
- Selecting features, building and optimizing classifiers using machine learning techniques.
- Implementing deep learning framework and neural networks on TensorFlow using Keras model.
- Using predictive modelling to increase and optimize customer experiences, revenue generation, and other business outcomes.

- From Jan 2019 till Jan 2020

- Designation- **Trainee Python Developer**

- **Responsibilities:**

- Writing efficient, reusable, testable, and scalable code.
- Understanding, analysing and implementing – Business needs, feature modification requests, conversion into software components.
- Integration of user-oriented elements into different applications, data storage solutions.
- Developing feasible and effective algorithms and solutions for various problems.
- Designing and implementing – High availability and low latency applications, data protection and security features.
- Performance tuning and automation of application.

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List of projects:

1) CONSUMER COMPLAINTS CLASSIFICATION

Classify complaints based on their content, for financial products and services, to assign them to the respective departments. The dataset is of 2 million rows, 5+ years of historical data. The built ML model predicts the department to be assigned given the narrative of a complaint with high accuracy.

Skills/Technology: Python, Pandas, SVM classification, Logistic Regression, Flask, HTML & CSS.

2) AUTOMATED STOCK OPEN PRICE PREDICTION

A leading mutual fund organization wants to set up an automated trading process in their stock trading unit in the USA. The dataset is of 1088 rows, 3 years of historical data. Wrote Python code to scrape the money.cnn webpage to obtain most active stocks and scraped yahoo finance website to obtain relevant info on each stock. Variables are previous day close price, previous day stock volume, and current-day features to find the open price of the current day.

Skills/ Technique: Python, NumPy, Web Scraping (BeautifulSoup), Flask, HTML & CSS.

3) AUTOMATED CAR DAMAGE ASSESSMENT

A US-based car insurance company wants to implement a software-based car damage assessment and insurance claim predictions. The model will predict the location of the damage as in front, side or rear and severity of such damage as in minor, moderate, or severe.

Skills/Technology: Python, Deep learning model, TensorFlow, VGG 16, CNN, Flask, HTML & CSS.

Education History:

- Completed Post-Graduate Diploma in Data Science and Machine Learning from Workoopolis in 2019
- Completed Graduation in Bachelor of Computer Science from Vishwakarma Institute of Information Technology, Pune in 2017.
- SSC from Deshikendra Highschool (Latur), in 2010.

Technical skills:

- Strong knowledge of Statistical Analysis, Data Modelling and Model Building
- Machine learning (Supervised & Unsupervised): Classification, Regression and Clustering
- Computer vision (Object detection, Recognition & Image segmentation)
- Deep learning, Artificial intelligence ANN, CNN, NLP
- Programming languages: Python, R
- Deployment: Flask framework, HTML & CSS
- Database: SQL
- Visualization: Tableau

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Declaration:

I hereby, declare that the above-mentioned information is correct to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Akshay Sonawane

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