

OBJECTIVE: Machine Learning Developer with 2+ years of experience as a data scientist and comprehensive industry knowledge in performing Data Extraction, Data Mining, Data Cleaning, Data Exploration, Data Visualization, Statistical Modelling, Predictive Modelling of structured and unstructured datasets as well as implementing large-scale Machine Learning.

SKILLS

- o **Languages:** Python, SQL
- o **Databases:** SQL Server
- o **Data Analysis and Visualization Libraries** - NumPy, Pandas, Statsmodels, PowerBI, Dask, Matplotlib, Plotly, ETL,
- o **Machine and Deep Learning Libraries:** Sklearn, Tensorflow
- o **NLTK Libraries:** NLTK, Spacy
- o **Machine Learning Algorithms:** Supervised, Unsupervised Algorithms (Logistic Regression, Linear Regression, Random Forest, Decision Tree, SVM, Naive Bayes), Dimensionality Reduction (PCA), NLP, Statistical modelling.
- o **Deployment** - Streamlit
- o **Cloud Platform:** AWS Cloud, Jupyterlab, VSCode, Pycharm, Google Colab
- o **Other:** Git, Beautifully Soap,

PROFESSIONAL EXPERIENCE

Hexaware Technologies, Ghansoli, Navi Mumbai

(Jan 2022 – Currently Working)

Machine Learning Developer (Python, Machine Learning, Predictive, Statistical Modelling, Web scrapping, Selenium)

- o Taking a hands-on approach, I foster a culture of innovation and collaboration within my teams, ensuring they excel in delivering impactful data solutions, and my passion lies in creating proactive frameworks that facilitate continuous improvement and drive exceptional results.
- o Let's connect to explore how my comprehensive expertise in data science, machine learning, and technical prowess can elevate your organization to new heights. Together, we can harness the full potential of data-driven solutions to achieve unrivalled success.

KEY PROJECTS

Binary Classification Hawk Bucket Wise Prediction

Key Skills: (Python, Classification Algorithms, Machine Learning, Data Visualization, Pandas)

- o We planned to predict if the claim will complete in within 8 Minutes or beyond 8 Minutes.
- o Descriptive and Inferential analysis on the available data to gain insights and understand patterns.
- o Train the binary classification model using appropriate algorithms and techniques. Like Logistic Regression, Decision Tree Classifier.
- o From this project operations helped strategically planning and allocating resources for optimal business optimization.

Predict Employee Attrition

Key Skills: (Python, Machine Learning Algorithm, Data Visualization, EDA, Pandas, Classification Algorithms)

- o Utilized Random Forest algorithm to build a predictive model identifying employees at higher attrition risk.
- o Leveraged job performance metrics, tenure, job role, and feedback data for enhanced accuracy.
- o Proposed initiatives: targeted training, flexible work arrangements, and skill development based on attrition risk scores.

Automatically Report Downloader

Key Skills: (Python, Selenium, Web driver, Automation, WEB Scrapping, beautiful Soup)

- o I automated the AWS URL using Selenium and Python script in the Jupyter Notebook IDE.
- o Enabling the seamless download of multiple reports. Additionally, I implemented a scheduler within the Python script to regularly generate and deliver these reports to stakeholders.

Conformity Allocation Tool

(Mar 2021 - Jun 2021)

Key Skills: (Python, Jupyter Notebook, Pickle)

- o Checking the availability of agents in Roaster after importing data from the database into Python. Assigning the cases to the available agents depends on their training and skill set.
- o In Chennai and the Philippines, we build up this pulse tool. My daily duties include uploading the roster and master, ensuring accurate delivery of cases to agents. I interact with stakeholders, addressing any difficulties they may have and providing assistance.

Freelance Data Analyst-Thematic Analysis At Manuscript edit, Respro Scientific Pvt. Limited

(Sep 2020 – Oct 2020)

Key Skills:(Python, Natural Language Preprocessing, Pandas, Data Visualization, Machine Learning, Jupyter Notebook)

- o Converted Unstructured Text data into Structured format. Created new features using some Text Preprocessing methods
- o Performed Exploratory Data Analysis in Python to draw meaningful insights from reviews for better understanding of newly launched drug.

Flying Stone India Film Production Services Internshala internship

(Apr 2020 – May 2020)

Key Skills:(Python, Web Scrapping, BeautifulSoup, Scrapy, Selenium, Pandas)

- o Collected relevant data by utilizing web scraping techniques from IMDb Film Datasets
- o Demonstrated technical expertise in acquiring and processing data from online sources.
- o Pandas library for comprehensive data preprocessing, ensuring data quality.

EXTRA WORK

Financial Data Extraction Tool

Key Skills: (Python, LLM, Generative AI, NLP, Pandas, SQL)

- o Developed a robust financial extraction tool capable of parsing news articles for key company financial data name, revenue, and net income
- o I build financial extraction tool where I can copy and paste the news article related to company financial reporting and it will extract key information such as companies name, revenue, and Net income.

Finance Dashboard.

Key Skills: (Python, Power BI, Pandas, Excel, SQL)

- o Using Power BI created Data Model to connect multiple data frames. Generated new features using DAX to add more granularity to data.
- o Further created multiple visualizations to make Interactive Dashboard to find insights.

EDUCATION

- o **Bachelors** in Electronics and Telecommunication | Mumbai University | Dilkap Research Institute of Engineering and Management Studies | **Completed: Jun 2019** | Higher Secondary Certificate | Science |

CERTIFICATIONS

- o **Postgraduate Program in Data Science | INSOFE | Full Time**

(Aug 2019 – Jan 2020)