# Professional Summary

* Having 4+ Years of experience in Data Science/ML.
* I am good with statistical concepts and possess through business understanding along with practical experience in Advanced Machine Learning Models (like Linear Regression, Logistic Regression, Ridge Regression, Lasso Regression), tree-based algorithms (like Decision trees, Bagging, Random Forest, GBM, XGBoost), clustering like K-Means, and exposure to deep learning concepts like NLP, neural networks etc.,
* Have good exposure with query languages like SQL.
* Have a good understanding on the basics of AWS.

# Key Skills

* Expert in text mining, textual data analysis, Natural Language Processing, and Sentiment analysis.
* Hands-on experience with various Python libraries NumPy, Pandas, Scikit learn, Seaborn, Matplotlib, Plotly, NLTK, Word2vec, TF\_IDF.
* Possess Hands-On experience with Data Analytics and Visualization.
* Strong analytical skills and experience in data interpretation.
* Expertise knowledge on Exploratory Data Analysis
* Good knowledge on HyperParameter tuning using Keras tuner, GridsearchCV, and RandomSearchCV
* Hands-on Data Analysis using Python Pandas
* Expertise in knowledge on traditional machine learning algorithms such as regression and classification
* Effective interactions with customers to understand their business problems, and to discuss about the requirements (data & other factors) to build an optimal solution by implementing AI/ML.
* Familiar with AWS cloud.
* Having creative problem-solving skills and quick and independent learning skills.
* Excellent time management skills, with the ability to prioritize and multitask, and work under shifting deadlines in a fast-paced environment.
* Strong interpersonal skills demonstrated the ability to learn quickly.
* Good multi-tasking skills and ability to manage varying priorities in an Agile approach.

# Technical Skills:

* Areas of expertise : ML/AI, NLP, Predictive Analytics
* Programming Languages : Python, SQL
* Libraries : Pandas, NumPy, Scikit learn, Seaborn, matplotlib, Plotly NLTK, Statsmodels
* Database : MS SQL
* IDE’s : Anaconda3, Jupyter Notebook, VSCode, Sublime Text
* Project Methodologies : Agile, Waterfall Methodologies.

# Experience Summary

**Project: #1 Role: Data Scientist**

**Industry: Private Sector**

**Packages: Python, Scikit-Learn, Pandas, Logistic Regression, Decision Tree, Random Forest, SQL.**

**Description:** The aim of the project is to define and gauge Employee Engagement “Status”.

# Responsibilities:

* Performed data cleaning, data pre-processing, and data analysis and provided insights to clients related to KPIs such as Competencies, Sub Competencies, Industry Experience, Years with the Company itself, Job Family, Promotions, etc.
* Used Logistic Regression, Decision Tree, Random Forest. And delivered projects under Agile methodology.
* Used SQL for some data manipulations and later Performed data visualization using python libraries such as seaborn, matplotlib, and Plotly as it was sensitive data.

# Project: #2 Role: Assistant Consultant

**Industry: Private Sector**

**Packages: Python, Scikit-Learn, Pandas.**

**Description:** The aim of the project is to predict the Job Cost for Interventions.

# Responsibilities:

* Initiated and contributed for job failure detection/attention management across the Vertical which improved the CSAT and lessened the incident/Change Management burdens.
* Worked on Job Cost prediction Regression project and implemented Linear Regression, Random Forest.
* Worked on extensive EDA using libraries such as Pandas, NumPy, Visualizations using Seaborn, Matplotlib, and Plotly using Python.

# Project: #3 Role: Research Intern – Data Sciences

**Industry: Private Sector**

**Packages: Python, ROS**

**Description:** Map Stitching for the maps that are generated by the Service Robot.

# Responsibilities:

* Understanding the use case
* Researched on the possibility of solving the problem due to third-party implications (ROS).
* Suggested a solution to stitch the maps based on the Outlines of the explored and unexplored regions in the two maps.

# Project: #4 Role: Data Analyst

**Industry: Private Sector**

**Packages: Python, Matplotlib, Pandas, Machine Learning, SQL.**

**Description:** Analyze the data and gauge whether the Type of Insurance being requested can be provided or not.

# Responsibilities:

* Worked on Feature Engineering and data manipulation to derive insights from data and use these insights for optimization of results to the client regarding commercial and personal property insurance for application enhancement.
* Worked closely with business domain SMEs for inclusion of deemed important KPIs that the model is supposed to use for predictions. Employed SQL for working with data and used Python libraries for Analysis and providing Insights.
* Participated in Problem Statement refinement by building on domain knowledge on Insurance to meet customer expectations and satisfy their requirements.

# Project: #5 Role: Data Analyst

**Industry: Private Sector**

**Packages: Python, R Matplotlib, Pandas, Machine Learning.**

**Description:** Predict the Surface Defects on the manufactured plates.

# Responsibilities:

* Performed data cleaning, pre-processing, and data analysis and provided insights to clients related to KPIs such as Batch, Individual, Metal Alloy, Pristine Metal, etc., from the data.
* Communicated with Business directly on a daily and weekly basis for reporting and about implementation plans that include offshore participation/awareness.
* Provided insights to clients using Data Visualization to help understand the impact of different KPIs with each other and with respect to the target variable.