

## SUMMARY

- 2 Years of Industry experience with more than 1 year of Experience in **Data Science** and **data analysis** using **ML** Algorithms.
- Working experience & Extensive knowledge in **SQL**, **Tableau**, and **Python** with libraries such as **Sklearn**, **TensorFlow**, **NumPy**, **pandas**, **Matplotlib**, and **seaborn**.
- Worked on tools like – **Pycharm**, **visual studio**, **Jupyter notebook**.
- Led a team of 5 engineers and monitored projects to ensure progress
- Have Excellent communication and agile team working experience.

## PROFESSIONAL EXPERIENCE

### Aay Technology Pvt. Ltd., Data Scientist

Jul 2021 – present

#### Reputation Model

AIM: to build a score of individual users present in the app depending on their in/off platform actions.

- Analyze and Filtered **50k** rows of OLAP for data analysis from the data warehouse.
- Optimized and pre-processed data before building a classification model.
- Performed **Feature engineering** on data having 20+ columns using python libraries like **NumPy**, **Pandas**, and **Seaborn**.
- Built a robust reputation model taken from **Logistic Regression** giving a certain range of output.
- Analyzed the output of the model checking the biasness using classification report and AUC score.

#### Recommendation Model

AIM: Recommend the users based on their reputation to build premium features in-app resulting in segregating them to increase profitability by **200%**.

- Analyze the task requirements as per the daily scrum calls.
- Coordinate with the QA team to create the recommendation.
- Created Dashboard Using **Tableau** to view segregation.
- Performed unit testing and documentation of the newly developed feature & changes.
- Maintained the code changes in the **Git** repository.

### Tech Mahindra, Technical Associate

Oct 2020 – Jun 2021

- Actively Involved in daily standup calls and tasks assigned in **Jira**.
- Worked with **MS excel** to track the **salesforce** work performed by employees.
- Made changes to the **SQL** Relational database that decrease the risk of data corruption by **50%**.
- Built out technical documentation for processes and infrastructure, leading to a 2-day reduction in onboarding for new customers.

## PERSONAL PROJECTS

**Sentiment analysis of Articles on AI**, Extract all the information like sentiments, complex words, syllables, polarity/subjective score, FOG score etc. from articles using **NLTK**

- Extracted all article data using **Beautiful soup** and wrote in a txt file.
- Preprocessed text data using **NLTK lemmatizer** to make it ready for Sentiment analysis
- Built and trained model from **10k+** movie reviews, achieved an accuracy of **61%** using **Naïve Bayes**.
- Automated the writing process and outfit the file in **MS Excel** format .xlsx.
- Project link here: [Github](#)

**Predicting Astrological signs**, Predict Astrological signs depending on their multiple attributes given on dating app.

- Performed **Feature Engineering** on data using **NumPy**, **Pandas**, **Seaborn**.
- Build and train the model using **Logistic Regression**, **KNN**, and **Decision tree** classification.
- Analyzed model prediction accuracy using **Cross-validation** (K-fold), **F-score**, and **Confusion Matrix**.
- Project link here: [Github](#)

# Vijit Singh

## Data Scientist

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## TECHNICAL STACK

### Data Science / Machine Learning / Deep Learning

Python, Data Visualisation, Supervised Machine Learning, Unsupervised Machine learning, ANN, CNN, EDA, Feature Engineering, Feature selection & extraction etc.

### Python packages and Frameworks

Scikit-Learn, Tensorflow, Keras, Numpy, Pandas, Scipy, Beautiful Soup, Scrappy, Matplotlib, Seaborn, Pyspark

### Mathematics for ML & DL

Algebra, Probability, Statistics, Calculus.

### Databases

Mysql, MongoDB, PostgreSQL, SQL server

### Web Development

Python, Django, Flask, SQL, NoSQL, HTML, CSS

### Cloud Deployment and containers

AWS EC2, Heroku, Netlify, Git, Docker

## CERTIFICATES AND INTERNSHIPS

### Data Science Intern

The Sparks Foundation

### Data Analyst

codecademy

### The Business Intelligence

Udemy

### Dashboards in Tableau

Datacamp

## EDUCATION

### Shri Venkateshawara University, MBA

Jun 2018 – Jul 2020

### CCSU, B.Com

Jun 2015 – Jul 2020