

CHETANA VASAVE

Data Scientist

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[Portfolio](#)

[Linkedin](#)

[Github](#)

PROFESSIONAL SUMMARY

Highly motivated and self-taught Data Science Engineer with a passion for Artificial Intelligence. Began with a background in Electronics and later transitioned to IT. Possesses 1.5 years of experience in Data Science, with familiarity in backend web development using Python. Expertise includes machine learning, statistical analysis, Natural Language Processing, and deep learning, leveraging tools like Power BI, SQL, and Advanced Excel to extract valuable insights from data. I excel at self-directed learning, and my need for perfection motivates me to always do my best.

EDUCATION

Bachelor's Degree

Electronics And Telecommunication Engineering | Mumbai University | 2019 | 7.29 CGPA

HSC

Computer science | Maharashtra State Board | 2015 | 62.31%

SSC

Maharashtra State Board | 2013 | 90.60%

WORK EXPERIENCE

IPCS Global

Nagpur, Maharashtra

IT Engineer (Data Science)

July 2023 – Present

- Optimized data collection and reporting, reducing processing time by 20% and enhancing efficiency.
- Collaborated with 3+ cross-functional teams to gather requirements, define project scopes, and ensure alignment with business objectives, fostering effective teamwork and project success.
- Prepared comprehensive reports and presentations, facilitating clear communication with stakeholders.
- Conducted market research, identifying key trends to inform strategic decision-making.

MOON SEZ CONSULTANTS PVT. LTD.

Pune, Maharashtra

Trainee

Feb 2023 - Jun 2023

- Gathered data from clients in collaboration with KPO partners.
- Collaborated with various departments including finance, sales, and operations to gather information, billing-related inquiries, and resolve any issues.
- Utilized Excel and PowerBi tools to prepare design appropriate visualizations to represent the extracted data and provide insights
- Prepared regular reports on billing activities, revenue, and collection metrics for management review.

Rieter India PVT. LTD.

Pune, Maharashtra

Electrical Engineer

Jun 2021 - Jun 2022

- Planned production activities and tracked records using Excel
- Tracked records of work process and analyzed production and Sales data using Excel.
- Updated daily production and sales data in the Organization system database.

TECHNICAL SKILLS

- **Programming Languages** : Python, SQL, HTML, CSS
- **Data Cleaning tools** : Advanced Excel, Pandas, Numpy, MySQL, RegEx, Beautiful Soup.
- **Data Visualization tools** : Seaborn, Matplotlib, Power Bi, Tableau.
- **Statistical Analysis** : Hypothesis Testing, Regression Analysis, ANOVA.
- **Machine Learning Libraries** : Scikit-Learn, Tensorflow, Keras
- **Predictive Modeling**: Linear Regression, Logistic Regression, Naive Bayes, KNN, Support VectorMachines, Decision Tree, Random Forest, K-Means Clustering, Gradient Descent, XGBoost, CNN, RNN,Time Series Analysis,VGG16, ResNET,LSTM.
- **Natural Language Processing**: NLTK, TF-IDF, Word2vec, Spacy
- **Cloud Platforms/Services**: AWS EC2.
- Source code management and Version Control system using **Git** and **GitHub**.
- **Web stack**:Django,Flask

PROJECTS

1. Customer Lifetime Value prediction in insurance company to enhance customer segmentation and targeted marketing strategies .

Domain: Insurance

- Performed exploratory data analysis (EDA) to understand data distribution, identify trends,
- Conducted extensive data preprocessing and feature engineering.
- Developed and deployed a predictive model using regression techniques.

2. Predicting Bank Customer Attrition using ANN

Domain: Finance

- Analyzed customer attributes and behaviors including credit score, tenure, balance, product count, and activity level.
- Developed a deep learning model to predict customer churn based on the analyzed factors.
- Utilized Python and deep learning libraries to implement and optimize the model.

3. Product Opinion Mining

Domain: Retail

- Gathered and preprocessed data from diverse sources, including product review websites.
- Conducted text processing tasks such as removing stop words, lemmatization, and stemming using libraries like NLTK and Spacy.
- Implemented tokenization and created data frames using techniques like Bag of Words and TF-IDF.
- Used k-Means ML algorithm to classify reviews into positive and negative classes.

CERTIFICATES

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|---|-----------|
| • The Complete Python Bootcamp From Zero to Hero in Python | Nov 2022 |
| • Jira Project Management | July 2023 |
| • Build Real World Website from Scratch using HTML5,CSS3 and Django | May 2024 |
| • AWS Sagemaker practical for beginners Build 6 Projects | June 2024 |