

## SKILLS

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### Key Skills

- **Data Analysis - Predictive Modeling Analysis - Statistical Analysis - Data Visualization - Performance Assessment - Sentiment Analysis - Data Processing - Behavioural Analysis - Regression Analysis - Data Processing - Leadership and Training - Strategizing - Team Incubation**

### Technical Skills

- **Packages** Scikit-learn - NumPy - Pandas - Spacy - NLTK - Matplotlib - Seaborn - Tensorflow - Pytorch
- **Statistic Machine Learning** Linear and Logistic Regression - SVM - Random Forest - Ensemble Trees - Gradient Boosted Trees
- **Programming Language** Python - SQL - Java - C

## EXPERIENCE

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### Artoon Solutions Pvt Ltd

Surat, India

#### Data Scientist

2020.06-2021.05

- Created a customer segmentation algorithm with Python in order to boost sales and increased it by 21 percent.
- Developed regression analysis and clustering analysis to solve a logistic problem and decreased cost by INR 10 millions.
- Formulated segmentation models in order to find new users with the help of K-means clustering.

#### Data Analyst

2018.06-2020.05

- Generated database tables, objects, materialized views and views using SQL.
- Developed models in Python using scikit-learn, pandas, matplotlib, and numpy for Data Visualization.
- Analyzed data and created insights on inflation rate, bottlenecks, and churn rate using data visualization tools.
- Assisted in requirements meetings and data mapping meetings to get insight on business requirements.

## PROJECTS

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### Stock Market Prediction Using Machine Learning

- Developed stock market prediction algorithm using SVM(support vector machine) and Random Forest, a test accuracy of 0.704 and 0.801 respectively.

### Twitter Sentiment Analysis

- Using bert-base uncased pre-trained model and Multi-Layer Perceptron trained a model to classify the sentiment of tweet in three different classes(Neutral, Positive, and Negative)

### Fake News Detection

- Using Python created a model with PassiveAggressiveClassifier and TfidfVectorizer to separate fake news from real news.

## EDUCATION

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### Arizona State University

#### Master's of Computer Science

2021.08-present

- Deep Learning, Natural Language Processing, Foundation of Algorithm

### Nirma University

#### B.Tech Computer Engineering - 7.45/10

2014.06-2018-05

- Data Structures and Algorithm, Probability Statistics and Numerical Analysis, Object Oriented Programming, Artificial Intelligence

## ADDITIONAL INFORMATION

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### Language

- English - Hindi - Gujarati