

# ANIT GUPTA

+1(404) 343-5156 ◊ [anitg.4@gmail.com](mailto:anitg.4@gmail.com) ◊ [linkedin.com/in/anit-gupta/](https://www.linkedin.com/in/anit-gupta/) ◊ [anitgupta.page](https://anitgupta.page)

## EXPERIENCE

---

### Data Science Researcher

Predictive Science Inc.

Jan 2020 - Present

*San Francisco, CA*

- Achieved 94% structural similarity in predicting the solar winds using deep neural networks(CNN) in TensorFlow.
- Developed model and exposed as an API processing the E2E data pipeline to monitor solar wind in real time .

### Data Analyst

Amdocs LLP.

Aug 2016 - Aug 2019

*Pune, India*

- Worked with supply chain team using forecasting algorithms to project the traffic volumes on digital platforms.
- Reduced customer churn rate by 12% using A/B testing on up-selling and cross-selling of products.
- Optimized the Sentiment Analysis model using Intent analysis(NLP) to classify the customer feedback improving the average rating by 30%, bagged the individual excellence award.

### Mentee

Microsoft Corporation.

Jan 2016 - Apr 2016

*Hyderabad, India*

- Worked on Twitter data using Hadoop distributed systems to performed Sentiment Analysis and visualized it on Power BI for business stake holders.
- Worked on more than 20 preprocessing steps for tweets and streamlined the entire process end to end.

## PROJECTS

---

**Cart Analysis:Food.com(NLP)** - Build a ML Model to predict cuisine from ingredients achieved accuracy of 84%. Also implemented advanced cart analysis increasing projected sales by 14%.

**Real or Not Tweet Analysis** - Used Google Cloud DataFlow to build pipelines to monitor real time tweets and analyse if they are announcing an emergency. Deep Learning Model BERT used achieved 95% accuracy and 160 rank on Kaggle.

**Decision Analysis using forecasting** - Implemented forecasting model for seasonal sales data. Considering 3 states of nature- Average, High and Low demand, determined a business alternative using the MAXI-MAX, MAXI-MIN, Laplace-Bayes, MINI-MAX- Regret criteria.

**Abstractive Text Summarizer** - Trained a neural network using Bidirectional stacked RNN-LSTM Neural Networks using Keras-TensorFlow on 4 million news articles. Model successfully summarizes articles in semantically correct 1-2 lines. Rouge-L score 88%.

## SKILLS

---

**Certifications:** AWS Certified Cloud Practitioner

**Languages:** Python (pandas, NumPy, scikit-learn, Plotly), SQL, R, SAS, Java, PySpark

**Tools:** Analytics- Power BI, Tableau, Integration- Git/GitHub, Cloud- Google Cloud Platform, AWS

**Skills:** Data Transformation, Statistics, Predictive Modeling, Forecasting, A/B Testing, CRM

## EDUCATION

---

**Master of Data Science and Analytics, Georgia State University, GPA: 4.06**

Expected May-2021

Relevant Coursework:Big Data Programming, Data Mining, Adv. Machine Learning, Linear Statistical Analysis

**Bachelor of Computer Science, Lovely Professional University, GPA: 3.89**

2012 - 2016

Gold Medalist in Computer Science,

Relevant Coursework:Data Structures and Algorithms, Object Oriented Programming, Advanced Databases,

Member of Upsilon Pi Epsilon