

# Shraddha Anala

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## Objective

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- Applying Machine & Deep Learning techniques to extract insights and provide solutions.
- Building models for different use-cases in NLP, Deep Learning and Time-Series analysis.

## Experience

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Freelance Data Scientist,  
Upwork | April 2020 – Present

- Building Custom Machine Learning models for Predictive Modelling, NLP and Time-Series data analysis.

Accenture, Bengaluru  
Application Development Associate | July 2018 – July 2019

- Technical Application Support/Maintenance of databases for over 30 clients.

## Technical Skills

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Python, Tensorflow, Keras, fastText, Gensim, Hugging Face Transformers, Seaborn, Plotly, Flask.

## Education

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Gandhi Institute of Technology and Management, 2014 – 2018.  
Bachelor of Technology in Electronics and Communication Engineering  
Graduated with 8.37/10 CGPA.

## Projects

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### 1) [Transfer Learning using BERT for Multi-Class Classification](#)

**Software/Libraries used:** Python, Simple Transformers, Gensim.

- Extended BERT's language processing abilities for text classification.

### 2) [NLP Case Study: Word Embeddings](#)

**Software/Libraries used:** Python, Keras, fastText, Gensim, Scikit-learn.

- Case Study looking at 3 different models, GloVe pre-trained, fastText & training an embedding layer.
- Comparison of model's performance on text representation and classification.

### 3) [Multivariate Time-Series Forecasting](#)

**Software/Libraries used:** Python, Vector Autoregression Model (statsmodels), Seaborn, Matplotlib

- Forecasting multivariate time-series data using Vector Autoregression Model, with EDA.

## Courses

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- [\*\*Deep Learning A-Z: Hands-On Artificial Neural Networks\*\*](#)
  - Deep Learning Course in Supervised & Unsupervised Learning algorithms.
- [\*\*Machine Learning A-Z: Hands-on Python & R in Data Science\*\*](#)
  - Machine Learning course in Python & R, covering