AJAY OSTAWAL

Email:ajayostawal007@gmail.com
Mobile: +91-8446499515

OBJECTIVE:

Looking for a job opportunity in which I can interact, learn, and contribute solutions to the problems, which enhances company benefits along with my career.

EDUCATION QUALIFICATIONS:

- M.Sc. Data Science and Big Data Analytics **(CGPA : 8.99/10)** MIT – WPU, Pune. (2018 – 2020)
- B.Sc. Computer Science (**66.47 %)** Pune University. (2015 – 2018)
- H.S.C. (**60.00**) Maharashtra State Board (2013-2015)
- S.S.C. (**76.36**) Maharashtra State Board (2013)

PROJECTS:

- **Neural Machine Translation : Attention Mechanism**
  Trained Seq2Seq model on language translation datasets using Encoder Decoder and Attention mechanism. Stacked Bi-directional LSTM layers used in Encoding layer,Decoder with RNN / LSTM layer using Teacher Forcing and BLEU score
- **Digit Recognizer : Convolution Neural Network on MNIST Dataset**
  Digit recognition-based project which recognizes the digit and adding filters using Opencv and recognition framework.
- **Natural Language Processing with Disaster Tweets : Sentiment Analysis**
  NLTK and SpaCy Libraries use classify tweets and figure out if they are disaster-related or not.
- **Recommendation System : MovieLens Dataset**
  I have work with Recommendation System to understand how dimensionality reduction works using Matrix Factorization techniques PCA , SVD. Recommendation is done using Collaborative and Content Based Filtering . Algorithms used : KNN using Cosine Similarity ,Word Embedding, Matrix Factorization.
- **Employee Attrition Prediction with Imbalanced dataset:**
  Classification models with Imbalanced dataset , without having trust on Accuracy and using statistics techniques to understand model predicts good or bad.To Balance dataset used cross-validation techniques and SMOTE method . Algorithms used : Logistic Regression, Random forests and XGBoost .

TECHNICAL SKILLS:

- **Programming:** Python
- **Tools:** Anaconda , Colab.
- **Libraries:** Numpy, Pandas, Matplotlib, Scikit-learn, Seaborn, TensorFlow, Keras .
- **Skills :**Data Wrangling , Visualization , Statistics , Machine Learning , Deep Learning , SQL.
- **Hadoop distributed framework :**HDFS, Sqoop ,Kafka ,Flume ,MapReduce ,Spark ,YARN

CERTIFICATIONS:

- Microsoft Azure Fundamentals AZ-900
- Coursera : Fundamentals Of Scalable Data science
- Basics M001 MongoDB
- NPTEL : Data Science for Engineers

HIGHLIGHT: https://github.com/ajayostawal

OTHER ACHIEVEMENTS:

- Pi-Day Quiz Competition 2nd price
- Participation in TechnoCrat.
- Attending Google Cloud OnBoard.

BLOGS:

- Explained CNN Architecture - Medium
- Text Preprocessing in NLP- Medium

ADDITIONAL INFORMATION:

- **Kaggle :** https://www.kaggle.com/ajayostawal
- **LinkedIn Profile :** https://www.linkedin.com/in/ajay-ostawal-6662131ab