AVIRAL GOYAL

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EDUCATION

CSE, BTech.	2015-2019	Jaypee Institute of Information Technology	7 CGPA
Rajasthan Board(Class XII)	2014	Nirmal Happy Senior Secondary School	82%
Rajasthan Board(Class X)	2012	Ashish Memorial Public School	86%

WORK EXPERIENCE

Data Science Intern(Deep Learning)
Voyazer, Bangalore

- A model to detect and classify objects in images extracted.
- To extract important information from reviews given by tourists.

Academic Projects

- **Gender Classification -** Implemented Gaussian Discriminant Analysis with PCA and achieved accuracy of 85-87% and later got 95% accuracy using transfer learning on Google Inception Architecture.
- Facebook Event Analysis : Made a tool to analyse events data extracted from facebook using Graph API and used that data to predict attending count for new events based on description of event,maybe_count and others.

Self Study Projects

- NLP Projects : Text Summarization using multiple appraches,Topic Modeling using LDA approach
- Sentiment Prediction model trained on imdb reviews data using deep learning model.
- Customer Churn Prediction in Telecom Company
- Prediction of Cab Cancellation to reduce extra cost for company.
- Recommendation Algos Implementations : User based and Item based collaborative algos
- MapReduce Implementations - Inverted index,Relational join,etc .
- Deep Learning Projects : Implementations of Optimization methods , TensorFlow Functions ,ConvolutionalNN Model in Keras and TensorFlow , ResNet CNN Architecture , YOLO Architecture.
- Loan Approval Classifier - On basis of attributes of a person decide if his loan should be approved.
- Live twitter sentiment analysis - Stream live tweets from twitter and do their sentiment analysis .
- Black Friday Sale - Implemented svr model to predict sale in a shop on friday.
  *Every project's code available on my github.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Coordinator,Google Developers Group JIIT Noida
- Team member (Machine Learning), Jdev(Jaypee Developers) JIIT Noida
- Blog writer- https://datasciencebasicsblog.wordpress.com/
- Github- https://github.com/aviralgoyal1997
- Linkedin - https://www.linkedin.com/in/aviral-goyal-25b15413a/

TECHNICAL SKILLS

- **Databases**: PostgreSQL, MySql,MongoDB
- **Programming Languages**: Python, R, Matlab **,**C
- **Software:** Matlab, Jupyter
- **Cloud** : AWS