

Abhishek Anand

Data Scientist

An energetic Data Scientist with zeal to solve real life business problems leveraging my knowledge of machine learning, NLP, GenAI, LLMs and python. Carries 3.5 years of rich experience in data analytics with excellent communication skills and work ethics.

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Delhi

WORK EXPERIENCE

Data Scientist Nokia

01/2023 - Present

Achievements/Tasks

- Developed a chatbot using OpenAI to answer questions from PDF document and incorporated generative capabilities to existing BERT based answering tool using leveraging LLM
- Created a machine learning system to analyze customer sentiment, resulting in a 10% improvement in customer satisfaction scores
- Created a recommender system leveraging ML models to recommend training modules on eLearning Portal.
- Worked on various python libraries such as PyPDF2, fitz, PyMuPDF, OpenCV to process text from PDF, DOC, JPG,PNG, PPT, CSV, XLSX files.
- Preprocessed textual data using Regex, Lemmatization, Stemming, Tokenization leveraging Pandas, NLTK, Gensim libraries and SQL

Data Scientist (Associate) Accenture

04/2022 - 01/2023

Achievements/Tasks

- Worked on Resource Management predictive model as major project to predict number of resources required and to balance the work force using XG Boost
- Worked on two POCs using time series analysis and clustering models to segment potential customers and predict the demand supply.
- Performed model validation, hypothesis testing on the deployed predictive model.
- Involved in data cleaning, feature engineering and modifications using pandas library.
- Wrote complex SQL queries using joins, window functions, subqueries, common table expressions for various database requirements.

Data Scientist (Associate Analyst) Wipro Ltd.

05/2018 - 02/2020

Achievements/Tasks

- Performed data cleaning and EDA using Pandas and various libraries including feature engineering, applying ML models on the data.
- Run SQL code to clean, validate and analyze large datasets
- Executed weekly data analysis utilized by the client for data and process validation
- Created and maintained Weekly and Monthly dashboards on Power BI
- Actively involved in knowledge sharing & stakeholder relationship management

SKILLS

Machine Learning Predictive Modeling Python
Pandas OpenAI Numpy Sklearn NLP
CNN Sentiment Analysis SQL NLTK
Regression Modeling Classification K Means
Random Forest Linear Regression XGBoost
Logistic Regression ChatGPT K Means
Decision Trees Random Forest LLM BERT
Spacy OpenCV K Means Segmentation
Deep Learning GenAI

EDUCATION

Bachelor's in Technology in ECE (07/2013 - 07/2017)

Bhariti Vidyapeeth's College of Engineering, New Delhi- 75.1%

Intermediate (03/2012 - 04/2013)

DAV Public School, Dyanand Vihar, Delhi- 87%

High School (03/2010 - 04/2011)

DAV Public School, Dyanand Vihar, Delhi- CGPA 8.6

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification by Andrew Ng

Data Analysis with Pandas and Python by Boris Paskhaver