

Anand Chavan



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Skills

Programming Languages and DataBases: Python, SQL, Panda, Numpy, PyTorch, TensorFlow

Data Visualization Tools: Power BI

Other Skills: Machine Learning, Docker, AWS, Git/GitHub, Excel, Statistical Analysis Techniques, Data Analysis

Experience

Netzwerk Academy

December 2023 – Present

Data Scientist Intern

- Analyzed media and web blog sentiment towards the stock market across 4 regions, identified trends that informed investment strategies, boosting portfolio returns by 15% over 2 months.
- Implemented advanced **algorithms** like Logistic Regression, **Key BERT** and **Word Cloud**, amplifying advertising impact by **40%**.
- Directed comprehensive **data science** initiatives encompassing EDA (Exploratory Data Analysis), model development, performance testing, Mathematics and ongoing optimisation, leading to a **30%** boost in **customer** retention.
- Spearheaded the implementation and optimization of **sentiment analysis models**, resulting in a **20%** increase in marketing effectiveness and a **15%** improvement in customer engagement metrics over the course of the year-long project.
- Led **cross-functional** collaboration efforts with **marketing** and sales teams to align sentiment analytical findings with business processes, resulting in tailored advertising **strategies** that directly contributed to a **25%** boost in conversion rates across directed regions.
- Managed a process **re-engineering** project to improve and consolidate end-to-end service processes, restructured **communication** flow among 5 departments and **reduced** paperwork by **75%**.
- A comprehensive understanding of diverse core business Requirements gathering and ensuring the efficacy of data-driven solutions, resulting in an **81%** alignment with **business Strategy**.

Personal Projects

Crop Selection and Prediction

May 2023 - July 2023

- Engineered a design machine learning model using **Random Forest** and **Decision Tree algorithms** to predict crop yields with precision and recommender system.
- **Trained** the model on a global crop yield **dataset** of 10,000+ rows and Preparation covering diverse geographical regions.
- Acquired 90% **accuracy** in forecasting crop yields through the implemented **ML Model**.

FootWear Products | Data Modelling and Cleaning

January 2023 - April 2023

- Analyzed a **database** of 3,000 footwear product listings to identify Trends high-demand products.
- Developed **Python-based Data Manipulation, Feature Selection** and Feature Engineering Using **Pandas, NumPy, Matplotlib** and Perform **ETL** analyze 15+ **KPI**, streamlining decision-making processes for the team.

Education

Bharath University

September 2021 – October 2023

Master of Technology in Computer Science

Chennai, Tamil Nadu

Pune University

August 2021 – July 2023

Bachelor of Engineering in Computer Science

Pune, Maharashtra

Certificate

- Git / GitHub at Preplnsta.
- Python, Machine Learning and Data Analytics Training at Pantech Solution.
- Data Science Training at Edyoda.