Pranav Chandra

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EDUCATION

INDIAN SCHOOL OF BUSINESS **Hyderabad, India**
Advanced Management Program in Business Analytics **DEC 2021 - JUL 2023**

- Developed a user-friendly **Streamlit** application for **Hero Steels Ltd** using the **Prophet** forecasting model to accurately predict monthly steel prices, achieving a **MAPE** score of **0.38**
- Achieved **90th percentile** in Financial Analytics by building a **portfolio optimization model** for asset recommendations using modern portfolio theory and statistical analysis to reduce risk
- Built an **LSTM-based stock forecasting model** for FAANG stocks, achieving an average RMSE of 10

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY **Hyderabad, India**
M.Tech Computer Science & Engineering **MAY 2017 - JUN 2019**

- Achieved all India **GATE All india rank of 1400**
- Participated in **Institute of Engineers Summit** - 2019 where there was an exposure to multiple research papers related on computer science
- Won second Prize in National level **Collegiate Cyber Threat competition** conducted by **Deloitte** with the team CODE RED

PROFESSIONAL EXPERIENCE

KORE.AI **Hyderabad, India**
Business Analyst **AUG 2019 - OCT 2022**

- Achieved a **25% increase** in **NLP** Topic Modeling accuracy using **Latent Dirichlet Allocation** (**LDA**) algorithms, facilitating better understanding of document themes and content distribution
- Reduced **project implementation time by 30%** through effective requirement gathering and aligning business objectives with data-driven solutions
- Built a **customer segmentation** tool using **Decision Trees & Random Forest**, resulting in a **20% increase** in revenue through targeted marketing and personalized chatbot interactions for the **Korean Market**
- Reduced **report generation time by 75%** by incorporating **Tableau & SQL**, enabling real-time access to key metrics and faster decision-making
- Transformed complex data analyzes into concise and engaging presentations, bridging the gap between **data and business strategy** for clients
- Collaborated with the strategy and senior leadership team to efficiently **launch Kore.Ai's chatbot** into the **Korean and German markets** within a remarkable timeframe of just **60 days**, ensuring a successful market entry
- Worked cross-functionally to showcase an analytics dashboard, powered by chatbot chat history, simplifying stakeholder understanding of platform features and metrics
- Applied **Python-based exploratory data analysis**, utilizing **statistical tests** (**hypothesis testing, regression**) and **visualizations** (**histograms, time series plots**) to reveal correlations, outliers, and emerging trends, helping clients gain insights into their complex problems
- Excelled in building effective client relationships and facilitating collaboration with internal teams, resulting in a **25% increase in cross-functional teamwork efficiency** and a **10% improvement in client feedback ratings**, driving successful project outcomes

TECHNICAL SKILLS

- **Programming Languages:** Python, R (Working Proficiency)
- **Data Analysis & Visualization**: Pandas, Matplotlib, Plotly, Tableau, Excel
- **Statistics:** Regression Analysis, Hypothesis Testing, Time Series Forecasting
- **Machine Learning & Deep Learning:** scikit-learn, Keras, PyTorch, AWS SageMaker, Azure AutoML
- **Databases**: PostgreSQL, MySQL

PROJECTS

1. Analyzing Superbowl Game Data set to find most extreme game outcomes, game effect on tv viewership and how TV ratings and ad costs increased overtime. [Project Details](#)
2. Built a Covid dashboard to find the Global Numbers, Total deaths by continent, Percent of population infected by top 5 infected countries. [Project Details](#)
3. Sentiment Analysis of TripAdvisor Hotel reviews using RNNs. [Project Details](#)
4. Analyzed the Covid data set to find the insights on Death rates as per population of each country, People vaccinated from the population of different countries. [Project Details](#)

CERTIFICATIONS

- Data Analyst with Python – Career Track - DataCamp
- Advanced SQL (HackerRank)
- AWS – Machine Learning Specialty – Udemy
- Google Data Analytics Professional