Himanshu Kesarvani

https://himanshuk.netlify.app

Email : himanshukesarvani@outlook.com

Mobile : +91-7702489286

EXPERIENCE

- **Oracle India Pvt. Ltd.** — Hyderabad, India
  Data Scientist — *Apr 2019 - Present*
  - **Infinity**: Oracle Infinity is a digital analytics platform for tracking, measuring, and optimizing the performance and visitor behavior of enterprise applications
    – Developing Predictive User Engagement Model to identify bottleneck in the application
    – Building model to handle historical data and click through data
    – Improving model response time for high traffic applications
  - **Doc-Bot**: Doc-Bot is a chatbot which help user to get question answer without going through documentation
    – Developed a NLP model using BERT to answer the question regarding documentation queries
    – Trained model with documentation data and allowed services to communicate with model
    – Added feedback loop to alert customer service if a user doesn't find info he is looking for
  - **Social Network**: Oracle Infinity is a digital analytics platform for tracking, measuring, and optimizing the performance and visitor behavior of enterprise
    – Developed Topic Modeling using LDA algorithm for social media messages for enterprises
    – Built model to handle real-time data and providing treding topics and generate reports
    – Created sentiment analysis model based on the inflow data so that service representative can address the problem understanding the sentiment

- **Development Bank of Singapore** — Hyderabad, India
  Analyst — *May 2017 - Mar 2019*
  - **Hiring Biases**: Built a classifier model to find biases in the hirigin process
    – Created a model using XGBoost alogrith to predict biases introduced by interviewer
    – Create another model using Random Forest Regressor algorithm to find the fitment percentage of candiate
    – Worked with HR team to address the biases and providing equal opportunity for each candidate

- **Ekincare** — Hyderabad, India
  Software Engineer — *Sep 2015 - May 2017*
  - **Ekincare Application**: Integrated health benefits platform
    – Developed model to extract information from different type of medical reports using OCR, NLTK
    – Developed lifestyle recommendationsystem based on medical history

EDUCATION

- **Indian School of Business** — Hyderabad(TS), India
  Advanced Management Programme in Business Analytics — *Feb. 2019 – Jul. 2020*

- **Kamla Nehru Institute of Technology** — Sultanpur(UP), India
  Bachelor of Technologies in Computer Science and Engineering — *Sep. 2009 – July. 2013*

COLLEGE ISB PROJECTS

- **AI Chatbot(Capstone Project)**: Chatbot to resolve student query and provide recommendation
  – Developed model to find answers asked by students using video analysis and BERT model
  – Developed Flask application, Chatbot UI integrated with the ML model and deployed to cloud

- **Taxi Fare Prediction (Practicum Project)**: Developed model to predict taxi fare based on Kaggle dataset
  – Created complete report of exploratory data analysis and presented with multiple recommendation
  – Developed model using DBSCAN clustering and got accuracy of 92% on test data

SKILLS

- **Skills**: ML, Deep Learning, Visualization, Statistical Analysis, NLP, Data Mining, Data Wranggling

- **Languages & Technologies**: Python, SQL, R, Scala, Spark, Apache Kafka, Hadoop, Hive, Pig

- **Libraries**: Sklearn, TensorFlow, Pandas, NLTK, Gensim, Matplotlib, Seaborn, ggplot, Shiny, Numpy