

Himanshu Kesarvani

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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 for enterprise applications
 - Building model to handle historical data and click through data
 - Improving model response time for high traffic applications
 - Designing KPI for measuring ML model performance
 - **Social Network:** Oracle Infinity is a digital analytics platform for tracking, measuring, and optimizing the performance and visitor behavior of enterprise
 - Developed Topic Modeling for social media messages for enterprises
 - Built model to handle real-time data and providing trending topics and generate reports
- **Development Bank of Singapore** Hyderabad, India
Analyst *May 2017 - Mar 2019*
 - **Bad Debt Risk Advisor ML Model:** Building predictive model to determine bad debt for bank customers
 - Defining similarities of accounts quantitatively by using feature importance
 - Stratification to understand characteristics of cluster
 - Defining metrics of clusters for qualitative and quantitative features
- **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 recommendations system based on medical history
- **MAQSoftware** Hyderabad, India
Software Engineer *Jan 2014 - Sep 2015*
 - **Target Customer Segmentation:** Customer Segmentation based on their purchasing behaviour
 - Created and tested model for different type of customers for enterprise applications

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

PROGRAMMING SKILLS

- **Languages:** Python, JavaScript, SQL, R, Scala **Skills:** ML, Visualization, Statistical Analysis
- **Technologies:** Spark, Apache Kafka, Hadoop, Hive, Pig, Git
- **Libraries:** Sklearn, TensorFlow, Pandas, NLTK, Gensim, Matplotlib, Seaborn, ggplot, Shiny, Numpy