

Contact

www.linkedin.com/in/himanshee
(LinkedIn)

Top Skills

SQL Server Reporting Services
(SSRS)

Amazon S3

SQL

Languages

Hindi

English

Certifications

Introduction to Python

Databricks Certified Data Analyst
Associate

Amazon Web Services Cloud
Practitioner

Pandas Foundation

People Analytics

Honors-Awards

Graduate University Scholarship

Himanshee T.

Data Science Consultant | Data Engineer|ASU Alumni Chapter
Tempe, Arizona, United States

Summary

Adaptable data science professional with 8+ years of industry experience of handling projects in Banking & Finances, Real Estate and Manufacturing. From Applied Statistics to Project Management, I am capable of providing innovative solutions by visualizing novel stories out of unseen data and by bringing creative insights to help in decision making.

My experience includes projects and research with a focus on Machine Learning, Fraud Detection and Forecasting on real-time data.

- Experience in Machine Learning (Regression, Classification, Clustering, SVM, Naive Bayes etc)
- Experience in Time Series Forecasting, Fraud Detection, Recommendation Systems.
- Proficient in data wrangling using Pandas, NumPy, SciPy and data visualization libraries such as matplotlib, seaborn, ggplot2
- Strong Statistical skills with strong problem solving and decision-making
- Strong experience with ETL, data warehousing design, database performance tuning

Analytics Tools and Languages:

SQL, Python, R, Pyspark, SparkSQL, SAS, Tableau, Power BI, MS Excel

Distributed processing - Spark, Hadoop, MapReduce

Cloud - AWS S3, AWS Redshift, AWS EMR, AWS Glue, AWS

Athena, AWS EC2

ETL- SSRS, SSIS, SAP Objects, Informatica, Talend

Data Science Related :

Machine Learning, Statistical Data Analysis, Predictive Analytics, Exploratory Data Analysis, Data Visualization

Soft Skills :

Effective Communication and Leadership and Team Building skills. I am open to learn new technologies.

Experience

Corning Incorporated

Sr Data Engineer

March 2022 - Present (1 year 2 months)

Capital One

Sr Data Analyst

February 2021 - December 2021 (11 months)

John Deere

Data Analyst

April 2020 - December 2020 (9 months)

Iowa, United States

- Developed ML solutions to identify patterns in troubleshooting engine-related problems on large near real-time data
- Created client-facing solutions for sending Engine Expert Alert, leading to a cost reduction and increasing customer trust.
- Collaborated with SMEs by focusing on mitigating engine failure costs.

American Express

Data Analyst

September 2019 - March 2020 (7 months)

Phoenix, Arizona

- Updated and compressed legacy Teradata SQL queries to optimize stored procedures for creating large customer population datasets (50MM+ records) to identify alerting thresholds for anti-money-laundering using Pyspark.
- Collaborated with security experts to research data flows and parameters involved in the modus operandi of launderers.
- Performed exploratory data analysis for Fraud Detection and Risk mitigation using ML Studio, Hive and SAS.
- Created production ML pipelines for different markets with risk analysis visualization.

Arizona State University - W. P. Carey School of Business

Research Associate

December 2018 - March 2020 (1 year 4 months)

Project 1: Feature Engineering

Objective: To present a framework to objectively evaluate claims of superior performance by platforms such as Angoss (in terms of accuracy) as quoted by firms like Gartner and Forrester

Coordinating a team on a paper to compare and evaluate different machine algorithm (Neural networks, SVM, Logistic Regression etc.) on basis of performance measures like Accuracy, AUC & F-score over standard datasets available on Kaggle and UCI website using Python, R & Azure ML.

Performing Hyperparameter tuning on above algorithms to find best set of parameters for each algorithm on different platforms.

Generated interim results which showed no significant difference in the performance of ML algorithms over different platforms

Project 2:

- Data Cleaning and Feature Engineering on the documents using using TF-IDF technique, Count Vectorizer and word2vec
- Classification of Inspection Reports and LERs using Unsupervised Learning
- Design, build, and monitor dashboards and visualizations using Tableau
- Using Machine learning Algorithms like SVM, Naive Bayes

Tata Consultancy Services

6 years 7 months

Senior BI Analyst (CitiBank)

June 2015 - July 2018 (3 years 2 months)

Database Developer (Lloyds Bank)

January 2012 - May 2015 (3 years 5 months)

Education

W. P. Carey School of Business – Arizona State University

Masters, Business Analytics

Rajasthan Technical University, Kota

Bachelor's degree, Computer Science

Lala Kamlapat Singhanian Education Centre, Rajasthan

CBSE PCM