Contact

5138075167 (Mobile)
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(LinkedIn)

Top Skills

Machine Learning

Data Science

Data Analysis

Languages

French (Elementary)

Hindi (Native or Bilingual)

English (Native or Bilingual)

Certifications

Neural Networks and Deep Learning

Improving Deep Neural Networks:
Hyperparameter Tuning,
Regularization and Optimization

Alation User Brilliance Badge

Generative AI fundamentals

Generative AI with Large Language
Models

Honors-Awards

University Graduate Scholarship

Runners up, University of Cincinnati
Analytics Case Competition,
Feb'2020

Member, Harvard Business Review
Ascend Select

Publications

Credit Default Analysis using
Machine Learning from scratch (Part
1 & 2)

Gambling with a statistician's brain.

Contextual multi-armed bandit —
(Intuition behind Netflix Artwork
Recommendation)

Image Classification using CNN and
Transfer Learning approaches

Saket Garodia

Senior Data Scientist | Passionate About AI, LLMs & Problem
Solving
Greater Chicago Area

Summary

Data-Science/Analytics Professional with 8+ years of experience
in providing analytical solutions across various domains including
marketing, finance, insurance, and retail.

Here's the link to my blogs and projects:

•Data Science Blogs•   https://medium.com/@saketgarodia
•Data Science Projects•   https://github.com/garodisk

• Machine Learning and Statistical Techniques: Linear Regression,
Tree-based models, ensemble models (Bagging, Boosting), SVM,
Naïve Bayes, Neural Networks (CNN, RNN, LSTM), Clustering,
Feature Engineering, NLP, Hypothesis & A/B testing
• Data Extraction & Visualization: MySQL, SparkSQL, PySpark,
Tableau, Python (matplotlib, seaborn), R (ggplot), MS Excel
• Programming & Cloud Platforms: Python, SQL, R, PySpark, AWS
Beanstalk, Azure Databricks
• Frameworks & Libraries: NLTK, Gensim, Keras, Tensorflow,
Pandas, Numpy, Sklearn, Hive, Hadoop, Spark, Oracle, Presto
• Analytics/Data Science blogger at Towards Data Science &
Analytics Vidhya (Link - saketgarodia.medium.com)

Contact details:
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Experience

84.51˚
Senior Data Scientist
January 2022 - Present (4 years 1 month)
Chicago, IL

Pricing and Promotions Optimization Sciences, Personalization and Loyalty Sciences, ML, MLOps, GenAI, Optimisation

Asurion
1 year 4 months

Data Scientist
August 2021 - January 2022 (6 months)

Appliance Plus Business - Solving retail problems to improve customer experience and operational efficiency using Machine Learning, Deep Learning, and Natural Language Processing

Quantitative Analyst II - Product Analytics
October 2020 - August 2021 (11 months)
Nashville, Tennessee, United States

Connected Home Plus Business:

- Implemented a customer retention model with 100+ customer demographic characteristics and point of sale data using supervised machine learning techniques to customize engagement strategies [Python, SQL, Feature Engineering, ML]

- Ideated and deployed an end-to-end customer-polarity model to recommend the right time to sell through the call-center channel, improving sales per 100 by 35% for the messaging channel [NLP, Python, SQL, Docker, AWS Beanstalk, Hive]

- Identified business opportunities and enabled solutions like Point-of-sale detection, FAQ dashboard & Tiered Routing by extracting actionable insights from call-center and messaging data, using quantitative approaches like keyword detection and pattern mining. [NER, Topic Modeling, SQL, Python, NLP, Hive, Presto, AWS Beanstalk]

- Presents complex quantitative solutions in a clear and actionable manner and present data in a consumable way through persuasive presentations to a non-technical audience.

- Collaborates with the business & partners with stakeholders to ensure a shared understanding of business goals, required solutions, and execution of development/delivery.

Towards Data Science
Data Science/Analytics blogger
December 2019 - January 2022 (2 years 2 months)

Great American Insurance Group
Data Scientist Intern
May 2020 - July 2020 (3 months)
Cincinnati, Ohio, United States

• Created an extensive pipeline to extract knowledge on insurance products
from millions of tweets scrapped using Python, captured relevant topics and
conducted a sentiment-trend analysis using semi-supervised techniques;
deployed a dashboard on Azure Databricks with major KPI's and drilled down
analysis [Deep Learning – CNN/LSTM, LDA, Tweepy, Data Scrapping]
• Built a scrapper in Python using Tweepy and scrapped a million tweets for
different insurance products
• Built an interactive geolocation-based dashboard on Tableau providing
detailed color-coded risk values with respect to fire and flood thereby providing
insurance risk insights

Edelweiss Financial Services Limited
Associate - Business Intelligence & Analytics
April 2018 - August 2019 (1 year 5 months)

• Built a credit delinquency prediction model to reduce defaults on real-estate
loans using Machine Learning techniques like Gradient Boosting & Random
Forest, achieved an AUC of 0.85, potentially reducing defaults by 12%
• Employed Principal Component Analysis (PCA) and unsupervised clustering
techniques like K-Means, DBSCAN, etc. to get various customer profiles for
targeted marketing campaigns and engagements
• Collaborated with cross-functional teams to convert business requirements
to interactive dashboards on Tableau, tracking major actionable KPIs &
translating analytical concepts to business stakeholders

Oracle
Software Engineer
July 2014 - August 2015 (1 year 2 months)

• Designed Extract, Transform and Load (ETL) process to integrate disparate
data sources into a cloud solution using Oracle Data Integrator (ODI) based on
various business logics [SQL, Oracle Database 11g, ETL]

• Streamlined and improved the performance and stability of the previous data import modules coded in Java and SQL that uses business intelligence to AutoMap attributes and transfer records with >99% accuracy

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Education

University of Cincinnati Carl H. Lindner College of Business
Master of Science - MS, Business Analytics (Data Science) · (2019 - 2020)

Indian Institute of Foreign Trade
Master of Business Administration (M.B.A.), International Business · (2016 - 2018)

National Institute of Technology Calicut
Bachelor of Technology (BTech), Computer Science and Engineering · (2010 - 2014)

Rennes School of Business
Master of Business Administration - MBA, International Business · (2017 - 2017)

Stanford University
Machine Learning (Online Certification) · (2019 - 2020)