

DHARMI GALA

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Objective

Looking for an opportunity to grow as a Data Scientist by applying advanced modeling and analytics skills to new domains.

Summary

Data Scientist with proven experience delivering data backed solutions across healthcare, real estate, and pharmaceutical domains. Skilled in AI, Python, SQL, and cloud technologies (AWS, GCP, Kubernetes, Git/CI-CD) with expertise in translating complex business problems into scalable data-driven solutions.

Professional Experience

CVS Health | Data Scientist - PBM Pricing and Product Analytics

Chicago, Illinois | Jul'24 – Present

- Built extensible drug pricing optimization under **TrueCost**, Caremark's drug-level guarantee system, expanding from generics to specialty and brand drugs and supporting onboarding of ~20 customers.
- Built predictive models to forecast customer performance against contractual guarantees, enabling proactive drug price adjustments and reducing guarantee shortfalls by 8%.
- Accelerated nationwide pricing decisions by designing and deploying automated data pipelines for Aetna's line of business, partnering with 5+ cross-functional teams, ensuring seamless monthly price optimization and delivery for 500+ clients.

Jones Lang LaSalle | Business Analyst

Chicago, Illinois | Jan'24 – Jul'24

- Built a model to predict work-order SLA breaches and integrated it into dashboards/alerts, reducing delays and improving tenant satisfaction.
- Streamlined weekly customer reporting by automating data integration and transformations in Excel using Power Automate and Power Query, enhancing performance tracking across 3,000+ properties.

NXP Semiconductors | Enterprise Data Analyst Intern

Austin, Texas | Jun'23 – Dec'23

- Enabled precise resource prediction by orchestrating a Compute Resource Forecasting system on Dataiku for 200+ users utilizing Azure ML Studio for each machine learning model execution, facilitating strategic, cost-effective decisions for the administrative team.
- Achieved 50% better compliance by spearheading an audit process utilizing Power BI logs through Power Automate and Office scripts; also introduced a Governance Matrix to enable informed, proactive actions.

Deloitte | Associate Analyst – Strategy & Analytics

Mumbai, India | Jul'21 – Jul'22

- Facilitated data-driven insights for leading pharmaceutical company by developing ETL pipelines for visual analytics and demonstrating expertise to 100+ stakeholders including Deloitte leadership.
- Implemented vaccine sales strategy by integrating a sales forecasting model using Amazon services such as S3, Athena and SageMaker.
- Boosted sales by 50% by enhancing 10+ Tableau dashboards with strategic enhancements, delivering a customized solution that empowered customers to track sales through 5+ KPIs and leadership to analyze individual and overall performance.

Personal Project Portfolio (dsgala.github.io)

Predictive Modeling & Optimization of NYC Yellow Taxi Prices

Jan'23 – Mar'23

- Analyzed 29GB of NYC Yellow Taxi trip data on GCP using Spark to identify price sensitivity and demand trends. engineered features and built regression models to predict fares and demand by location and time.

Automatic Bayesian Network Construction from Natural Language Prompts

Mar'23 – Dec'23

- Developed a bespoke AI solution enabling individual traders to assess market risks by constructing Bayesian Networks and calculating real-time probabilities via APIs, facilitating informed decision-making in financial trades.

Certifications & Awards

- AWS Certified Machine Learning – Specialty.
- Recipient of two Applause awards from Deloitte for exemplary performance within eight months.

Education

The University of Chicago

Chicago, Illinois | December 2023

Master of Science in Applied Data Science – 4/4 GPA

Top 10% of class; **Coursework:** Statistical Analysis, Natural Language Processing, Machine Learning, Data Science for Consulting, ML Operations Data Mining Principles, Time Series Analysis.

Narsee Monjee Institute of Management Studies

Mumbai, India | May 2021

Bachelor of Science in Applied Statistics & Analytics – 3.98/4 GPA

Dean's List (Top 5% of class); **Projects:** Visual Text Extraction using OCR, Time Series Analysis on ice cover extent over Greenland