Contact

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(LinkedIn)

Top Skills

Audit Innovation

Data Strategies

Natural Language Processing (NLP)

Languages

English (Full Professional)

Hindi (Native or Bilingual)

Gujarati (Native or Bilingual)

Certifications

Deployment of Machine Learning
Models in Production | Python

Machine Learning

Learning the Python 3 Standard
Library

Spark and Python for Big Data with
PySpark

Python Essential Training

Jayraj Parmar

Director of Strategic Risk Insights | Driving AI, Data Science & Risk
Strategy to Modernize Enterprise Decision-Making
Canada

Summary

Director of Strategic Risk Insights with 7+ years of experience
transforming data into actionable strategies across diverse
environments; from private banking and internal audit to high
growth startup operations with retail like dynamics. My career spans
building analytics in highly regulated environments, optimizing
risk frameworks, and deploying data science solutions to uncover
opportunities and efficiencies in customer-facing businesses.

I specialize in connecting technical depth with strategic impact;
leading cross-functional teams, aligning executives on AI and
Analytics strategy, and turning complex data ecosystems into clear
insights that drive decisions. In my current role, I'm responsible
for shaping and executing data innovation strategy within Internal
Audit, elevating our ability to deliver proactive risk insights across the
enterprise.

I thrive at the intersection of business, data and innovation - whether
it's scaling analytics capabilities, modernizing legacy processes, or
pioneering AI adoption to solve business-critical challenges. If you're
exploring how data and AI can unlock strategic advantage, I'd love to
connect.

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Experience

RBC
3 years 9 months

Director (Internal Audit - Strategic Risk Insights)
February 2025 - Present (7 months)

Senior Manager (Internal Audit - Group Risk Management and Capital
Markets Data Products)
December 2021 - February 2025 (3 years 3 months)

BMO Financial Group
1 year 5 months

Analytics Manager (Wealth Management, Data & Analytics)
July 2021 - December 2021 (6 months)
Toronto, Ontario, Canada

• Managed and coached senior analysts on team for effective understanding of data systems and ad-hoc request executions
• Designed strategy for building Analytical layer for Private Banking analytics to drive data driven decision making within business
• Developed Net New Client dashboard (KPIs: spreads, yields, new & attrited clients, assets) for CXOs for developing business strategies

Senior Analyst (Wealth Management, Data & Analytics)
August 2020 - July 2021 (1 year)
Toronto, Ontario, Canada

• Developed pricing diagnostics data product to evaluate pricing appropriateness for over 400 Private Banking products and enhance pricing strategies (opportunity ~$14MM) using advanced analytical approaches.
• Developed a master data table for 360 customer view, by collaborating with different LOB as a foundation for unified analytics journey

407 ETR
Data Analyst (Data Science Lab)
July 2019 - June 2020 (1 year)
Toronto, Ontario, Canada

• Led cross functional team to uncover the true business definition for commercial and personal users (for effective customer segmentation)
• Experience building and presenting insights to C-level executives on a bi-monthly basis
• Executed ad-hoc requests using SQL, Python & Tableau for critical business decisions to uncover customer insights that increase revenue
• Built relationships with business stakeholders and collected requirements for data acquisition from data vendors and web
• Developed validation script using python for purchasing external speed/traffic data to improve current toll allocation model
• Developed time savings algorithm for 407 ETR app team and improve product credibility
• Developed data ingestion pipeline using python for time savings algorithm by leveraging data vendor's API and organization's cloud environment

• Collaborated with data scientists, data engineers and business stakeholders to gather project requirements and deliver projects

BMO Financial Group
Data Science Consultant - Co-op (Enterprise Data and Artificial Intelligence)
September 2018 - December 2018 (4 months)
Toronto, Canada Area

• Worked in a team oriented center of excellence, with multiple cross functional onshore and offshore teams to build strategies
• Formulated Qualitative & Quantitative metrics for UAT for data migration within internal databases
• Performed extensive data analysis and UAT by utilizing Aginity (Hadoop & Netteza) & DB Visualizer
• Promoted ML and AI by building self-reliant statistical models throughout the Enterprise to tackle analytical problems
• Developed functionality using GraphFrames in python to interface and extract data elements from graph network
• Optimized production cost by redesigning and developing critical data-pipeline via Datameer for mortgage rate optimization
• Complied Model Validation checklist by coordinating with Model Governance and Model Validation team

BlackBerry
Business Intelligence Analyst - Co-op (Customer Support Organization)
May 2018 - August 2018 (4 months)
Kitchener, Canada Area

• Provided recommendation to Operations Managers, using optimization and scheduling techniques for making workflow system more efficient
• Assembled data from QlikView, JIRA, Salesforce and Aspect WFM(Work Force Management) for schedule optimization to improve customer satisfaction
• Performed daily schedule review and reporting for technical analysts to overcome low coverage and bottleneck
• Coordinated with business unit teams in planning strategies to improve the performance of management processes and tools

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Education

University of Waterloo

Master of Science - MS, Management Sciences

Vellore Institute of Technology
Bachelor of Technology (B.Tech.), Mechanical with Specialization in Energy
Engineering