

Rohit Pant

E-mail: rohitpant127@gmail.com

Contact: 091-9458170941

LinkedIn: <https://www.linkedin.com/in/rpant>

Location - Delhi, India

SUMMARY

Senior Data Scientist with 9+ years of experience leveraging AI, machine learning, and data-driven strategies across diverse industries. Expertise in predictive modeling, business intelligence, and cloud-based analytics. Experienced in collaborating with cross-functional teams to implement AI solutions and streamline operations.

CORE COMPETENCIES & TECHNICAL SKILLS

Analytics & Machine Learning

- Predictive Analytics, Market Mix Modeling, Supervised/Unsupervised Learning, Time-Series Analysis, Feature Engineering, Retrieval-Augmented Generation (RAG) Modeling

Technology Stack

- Python, SQL, SAS, PySpark, AWS, Databricks, Power BI

Cloud & DevOps

- AWS (Bedrock, S3, SageMaker), CI/CD Pipelines, Git, LangChain, DataOps

Business & Applied Analytics

- AML Optimization, Credit Risk Modeling, Fraud Detection, Regulatory Compliance, Business Optimization, A/B Testing, Stress Testing, AI Strategy

PROFESSIONAL EXPERIENCE

National Australia Bank (NAB) Innovation Centre, India

Senior Data Scientist – AVP (Jan. 2023- Present)

- Led the optimization of AML models, decreasing false positives by 18% and boosting alert conversion rates.
- Designed and implemented frameworks to monitor data being fed into predictive models in production, ensuring regulatory compliance and enhancing model stability by 20%.
- Automated reporting processes via Power BI, reducing manual effort by 40% and improving dashboard usability.
- Currently working on early-stage Retrieval-Augmented Generation (RAG) systems to enhance data driven decision-making for the first layer in Operations team resulting in better compliance and financial crime prevention.

EXL - Gurgaon, India

Senior Data Science Consultant (2021 -2023)

- Led a team to develop machine learning driven churn prediction models, improving insurance campaign ROI by 12%.
- Refined credit risk scorecard models, lowering default rates by 11% using machine learning driven strategies.
- Developed lifestyle-based customer segmentation models, improving campaign retention rates.
- Optimized cross-sell/up-sell campaigns through Market Mix Modeling, increasing revenue impact by 10%.

Data Analyst – Alight Solutions (2017-2020)

- Developed predictive models, reducing defect occurrences and improving process efficiency.
- Designed interactive Tableau dashboards for senior executives and analysts, ensuring leadership alignment on performance trends.
- Automated data extraction/manipulation using Python & SQL, optimizing the process helped in saving 20+ hours per month.

Software Engineer – Aon Hewitt (2015-2017)

- Worked on implementing SAML 2.0-based SSO integration, reducing authentication time by 30% and improving security measures.
- Delivered training sessions on IAM techniques and audit automation workflows, improving security compliance across teams.

EDUCATION

B. Tech, Electronics and Comm. Engineering. 2015

Uttarakhand Technical University, India

CERTIFICATIONS

- Prompt engineering for GPT models - OpenAI
- CQIB '23 (Career qualified in Banking) - FINSIA, Australia.
- Agile methodology Certification
- AWS Certified Cloud Practitioner (CCP)