

Data Scientist (Contract)

Onshore – Toronto, Canada | Hybrid | Start: Early February

At Budhhi, data science is not about notebooks and charts.

It's about rigor, impact, and systems that work in the real world.

We are looking for a Senior Data Scientist who can move seamlessly from research and experimentation to production-grade models. This role is for someone who enjoys deep problem-solving, cares about statistical soundness, and takes full ownership of models once they leave the lab.

You will work across Budhhi's internal AI platforms and client-facing engagements, collaborating closely with product managers, AI architects, and ML engineers.

What You'll Do

Research with Purpose

- Frame ambiguous problems into well-defined data science questions
- Design experiments and apply strong statistical reasoning
- Explore data deeply to uncover meaningful patterns and insights

Build Models That Ship

- Develop classical ML, deep learning, and GenAI-enabled solutions
- Own the full model lifecycle — from exploration to deployment
- Define and run robust evaluation and validation strategies

Work Close to Production

- Partner with ML Engineers to productionize models (batch & real-time)

- Contribute to MLOps practices including versioning, monitoring, and drift detection
- Ensure models perform reliably in real-world conditions

Collaborate & Influence

- Work closely with AI Product Managers to align models with product goals
- Explain model behavior, trade-offs, and limitations clearly to stakeholders
- Provide thought leadership on when (and when not) to use ML or AI

What We're Looking For

Experience & Seniority

- 8–12+ years of experience in data science or applied ML
- Proven track record of shipping models into production
- Experience working across research, product, and engineering teams

Core Data Science Strengths (Non-Negotiable)

- Strong grounding in statistics and experimental design
- Hands-on experience with:
 - Classical ML (supervised & unsupervised)
 - Deep learning (including transformer-based models)
 - GenAI / LLM usage in applied settings
 - Expertise in model evaluation, validation, and performance analysis
- Strong experience in building applications with best practices of Predictable AI, Generative AI, Explainable AI and Ethical AI

Engineering & Platform Fluency

- Experience deploying models into production environments

- Familiarity with MLOps concepts (CI/CD for models, monitoring, drift)
- Strong Python skills and clean, reviewable code
- Experience with cloud-based ML platforms

Mindset & Communication

- Curious, rigorous, and pragmatic
- Comfortable operating in high-ambiguity environments
- Able to communicate complex ideas with clarity and confidence

Contract Details

- Engagement Type: Contract (extendable based on performance)
- Location: Toronto, ON (Hybrid)
- Start Date: Early February
- Compensation: Market-competitive, premium for the right talent
- Future: Long-term partnership and extensions encouraged

Why Budhhi?

- Work on real AI problems, not toy datasets
- High trust, high ownership, low bureaucracy
- Collaboration with senior AI architects and ML engineers
- Exposure to cutting-edge GenAI and applied ML work
- A culture grounded in clarity, integrity, and impact

Ready to Build with Data?

If you enjoy deep thinking, strong rigor, and real-world delivery, we'd love to hear from you.

Apply now and help turn data into intelligence at Budhhi.