Data Scientist (m/f)

Job Title: Data Scientist (Real Estate Analytics) at www.getchalet.com - Full-Time Contract

Location: Bosnia (Remote or Hybrid) Employment Type: 40 hours/week (Contract)

About Us

We're a fast-growing U.S. startup in the short-term rental (STR) space, offering cutting-edge analytics dashboards, AI-driven content generation, and specialized data products for real estate investors. Our tech stack centers around BigQuery, AWS (S3), and modern data tooling to drive insights and automation in the real estate industry.

Role Overview

We're looking for an ambitious Data Scientist based in Bosnia who is excited to work at the intersection of real estate and advanced analytics. You will own end-to-end data processes-from building robust data pipelines in our data lake (S3) and warehouse (BigQuery) to crafting forecasting models that predict revenue for STR properties. Beyond the analytics and ML components, you'll partner closely with our Founder/CTO to build agentic AIs that power our emerging AI content generation platform for real estate professionals.

What You'll Do

Develop & Maintain Data Pipelines

- Design and optimize ETL processes that ingest real estate and rental data into our BigQuery warehouse and S3 data lake.
- Ensure data is clean, consistent, and readily available for analysis.

Data Analysis & Forecasting

- Use statistical and machine learning techniques to forecast occupancy rates, pricing trends, and revenue projections for short-term rental listings.
- Experiment with models (e.g., time series, regression, ensemble methods) to maximize accuracy.

Agentic AI Development

- Collaborate with the Founder/CTO to create AI-driven content solutions for real estate marketing.
- Integrate advanced NLP techniques or LLM frameworks (e.g., OpenAI, Hugging Face) to automate content generation.

Real Estate Data Innovation

- Identify industry trends and R&D opportunities to push the boundaries of real estate analytics.

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- Provide insights to improve our existing products and inform new product development.

Collaboration & Ownership

- Work closely with engineering, product, and marketing teams to translate data findings into actionable recommendations.
- Own projects end-to-end: from research and prototyping to production-ready deployment.

What We're Looking For

Technical Skills

- Proficiency in Python (NumPy, Pandas, scikit-learn, etc.).
- Experience with SQL and cloud data warehouses (BigQuery preferred).
- Familiarity with AWS (S3, EC2, etc.) or similar cloud platforms.
- Knowledge of machine learning algorithms (time series forecasting, regression, classification).
- Bonus: Experience with NLP or LLM-based models.

Analytical Mindset

- Strong statistical background and ability to derive insights from messy, real-world data.
- Comfort with data visualization tools (e.g., Tableau, Looker, or similar).

Soft Skills

- Ambitious, self-driven personality with a passion for real estate data.
- Excellent communication in English (both written and verbal).
- Willingness to collaborate and learn in a fast-paced, startup environment.

Education & Experience

- Bachelor's or Master's in Computer Science, Statistics, Data Science, or related field (or equivalent hands-on experience).
- 1-3 years of hands-on data science or data engineering experience (internships, projects, or professional work).

Why Join Us?

- Impactful Work: You'll shape the next generation of real estate analytics tools, focusing on real revenue-driving features for investors.
- Cutting-Edge AI: Collaborate directly with our Founder/CTO to build agentic AIs and next-level content generation.
- Growth Opportunities: As an early member of our data team, you'll have massive room to grow and define best practices.
- Flexible & Remote-Friendly: We value work-life balance and offer a flexible schedule, as long as you deliver top-notch results.
- Competitive Compensation: This is a 40-hour/week contracting role with a competitive rate, plus the opportunity to scale as we grow.

How to Apply

- Send your CV/Resume and a brief note on why you're excited about real estate data tosanjin.h@getchalet.com.
- Include any GitHub/portfolio links showcasing relevant data science or ML projects.
- Let us know your earliest start date and desired monthly/hourly rate.

If you love turning raw data into actionable insights and you're excited to shape the future of real estate tech, we'd love to hear from you!

The application deadline is Friday, January 31, 2025.

Lokacija:	Sarajevo
Datum objave:	27. Jan 2025.
Datum isteka:	07. Feb 2025.