

# Data Scientist

WorldQuant develops and deploys systematic financial strategies across a variety of asset classes and global markets. We seek to produce high-quality predictive signals (Alphas) through our proprietary research platform to employ financial strategies focused on exploiting market inefficiencies. Our teams work collaboratively to drive the production of Alphas and financial strategies – the foundation of a sustainable, global investment platform.

WorldQuant's success is built on a culture that pairs academic sensibility with accountability for results. Employees are encouraged to think openly about problems, balancing intellectualism and practicality. Great ideas come from anyone, anywhere. Employees are encouraged to challenge conventional thinking and possess a mindset of continuous improvement. That's a key ingredient in remaining a leader in any industry.

Our goal is to hire the best and the brightest. We value intellectual horsepower first and foremost, and people who demonstrate an exceptional talent. There is no roadmap to future success, so we need people who can help us create it. Our collective intelligence will drive us there.

**The Role:** We are looking for an NLP specialist with a strong Python background who will help us to extract useful information from different sources and turn unstructured data into enriched investment ready datasets. The primary focus of this position will be extracting entities. WorldQuant is at the cutting edge in the use of data within the hedge fund industry. We aspire to remain at the forefront of data utilization and discovery and this person will be key to us realizing that goal. The identification of valuable data sources will continue to enhance our reputation as a leader in this space.

**Key Responsibilities:**

- Enrichment of company's data by applying NLP models
- Developing different textual matching algorithms and tests for them
- Processing and cleansing of semi-structured or unstructured data
- Creating automated data processing systems and monitoring/maintaining it
- Developing interfaces and micro services in Python
- Integrating multiple data sources and databases into one system

**What You'll Bring:**

- A bachelor's degree in a technical or quantitative field from top university
- At least 3 years of experience as a data engineer or software developer
- Expert in Natural Language Processing
- Strong Python programming skills
- Experience with Python NLP tools, such as NLTK
- Experience with SQL databases
- Experience with Pandas
- Scripting skills in UNIX environment: shell, python Fire, etc.
- Understanding of machine learning techniques and algorithms
- Understanding of code versioning tools, e.g. Git
- Debugging skills, Eye for detail and identifying problems
- Able to work with / refactor legacy python code
- A passion for working with data

**Position based in Saint Petersburg.**

**Interested and qualified candidates please send resumes to [HR-Confidential@WorldQuant.RU](mailto:HR-Confidential@WorldQuant.RU)**