**Junior Data Scientist, Investment Technology**

**Job title:** Junior Data Scientist.

**Department:** Information Systems.

**Position reports to:** Solution Architect.

**Interacts more often with:** Managers and data analysts from Information Technology, Research and Private Equity business units.

**Main purpose of the role:**

Working as a member of a medium-sized team, this role is responsible for data acquisition, transformation, and analytical processing for one of the area’s leading investment firms.

**Key responsibilities:**

This person will be expected to:

* Identify and evaluate appropriate data sources for business problems at hand.
* Acquire, transform, and stage the data for future analytical processing, applying automation where possible.
* Maintain a catalog of repeatable data processing tasks.
* Develop analytical solutions that deliver insights based on available data, implementing statistical methods using modern technologies.
* Perform ad-hoc analysis and present results in a clear manner.

**Skills & competencies:**

A successful candidate will have 1-3 years of professional work or a corresponding amount of coursework experience with the following:

* Database programming
  + Understanding of relational and dimensional data modeling concepts.
  + SQL development experience (SQL Server or PostgreSQL preferred).
  + Basic understanding of database security and administration.
* Data processing
  + Ability to perform data preparation and transformation tasks using a variety of tools.
  + Familiarity with ETL technologies.
* Scripting
  + Solid grasp of Python for scripting and automation of repetitive tasks.
  + Experience using Jupyter Notebooks and Python IDEs.
  + Knowledge of common data science and numerical libraries in Python (e.g., NumPy, SciPy, Pandas) and visualization libraries (e.g., Matplotlib, Seaborn).
* Cloud technologies
  + Experience with using cloud-based machine learning tools (preferably on the Azure platform).