# **Data Scientist (Python, R, SQL)**

### **Company Name** [**Workbridge Associates**](https://www.linkedin.com/company/243339/life/)**Company LocationChicago, IL, US**

Job description

Data Scientist (Python, R, SQL)

A start up knowledge utility platform in the healthcare space is looking to add a Data Scientist to their growing team in Hyde Park. You will be joining an enthusiastic and diverse team that is building models and algorithms from scratch. The ideal candidate will have a strong background in Python, R, and SQL. This opportunity for hands on analysis and modeling at a flourishing company provides a gateway for both personal and professional growth.

**Required Skills & Experience**

* 2+ years of experience with Machine Learning and Big Data
* Experience with Python, R and SQL
* Familiarity with data visualization tools such as Tableau
* Bachelor’s Degree in a quantitative discipline

**Desired Skills & Experience**

* Familiarity with Azure
* Experience with Pandas, Numpy, & Scikit-learn
* Excels in a collaborative environment

Benefits & Perks

* Competitive health & dental plans
* Great paid time off policy
* Flexible work schedule

This would be a good fit for me because the company is in healthcare and I have some background in terms of healthcare. Coming from a premed undergraduate background, I can understand basic terminology and I could use that to my advantage. Also the skillset listed in the description fits my skillset. It has Python, R, and SQL. Even though I don’t know R, I think it could be picked up with my knowledge in Python. The listing prefers individuals with Pandas, Numpy, and Scikit-learn skill, which is something I want to develop more in a professional setting.

# **Intern - Operations Analytics**

### **Company Name** [**United Airlines**](https://www.linkedin.com/company/2380/life/)**Company LocationChicago, IL, US**

Job description

**Job Description**

* Analyzing and gathering data of United’s various operations to create data-driven decision recommendations.
* Use technical skills such as Excel VBA and SQL to perform data mining and analyses
* Build predictive models and analyze results for dissemination of insight to leadership of the numerous operations groups at United
* Assist in ad-hoc decision support and scenario analyses to understand the impact of operational changes on network reliability and financial performance
* Summarize finding and prepare presentations for United leadership

**Qualifications**

* Excellent analytical and problem solving skills
* Proficiency with Excel and other Microsoft Office products
* Knowledge in querying and manipulating relational databases via Microsoft SQL Server, Teradata SQL Assistant, Oracle SQL Developer, MySQL, Microsoft Access, or SAS required
* Expertise with quantitative analysis tools (SAS, R)
* Experience with data visualization tools (Spotfire, Tableau, Qlikview) a plus
* Strong interpersonal skills with focus on teamwork
* Current undergraduate (Junior/Senior)/graduate student majoring in Industrial Engineering or Computer Science preferred; must have completed courses in industrial engineering, analytics and statistics
* Internship requires at least a five month commitment;

This is an internship position which suits my resume since I did not have prior work experience. I have most of the skillset in the description but I wonder if I qualify for this position since I’m not a student. It seems like a good internship where I’ll be utilizing some basic skills in data science. It also requires me to build some predictive models. I have not learned to use R yet and the data visualization tools could be specific libraries in R. But overall the job seems to be rewarding and a great stepping stone to a full time position.

# **Reporting Analyst Intern**

### **Company Name** [**Spring Marketplace**](https://www.linkedin.com/company/3000557/life/)**Company LocationChicago, IL, US**

Job description

**Reporting Analyst Intern**

Reporting to the Sr. Director of Partnerships and VP of Finance, the data analyst intern will help provide reporting and analytics to a variety of clients. S/he is charged with building reports and providing insights and recommendations that will help impact Spring’s business.

**Responsibilities**

* Develop reports and answer ad-hoc data requests
* Maintain existing reports
* Analyze data, interpret findings and provide insights and recommendations to business managers
* Potential of temp to perm

**Required Skills/Knowledge/Experience**

* Bachelors degree required, preferably in Finance, Business, Computer Science or Statistics
* Strong excel skills : proficient with pivot tables and merging disparate data sets – plus if versed in SQL, but not required
* Strong organizational skills and attention to detail.
* Is resourceful and a proactive, self-starter.
* Comfortable working in an unstructured and entrepreneurial environment

This is another internship position. Unlike the above internship position, it does not specify student status as a requirement. It has very basic requirement in terms of skillsets. In terms of qualification, I think I satisfy most of the criteria, but in terms of experience I don’t think this position will improve my skillset significantly.

# **Quality Data Analyst**

### **Company Name** [**Francisan Health System**](https://www.linkedin.com/company/5631361/life/)**Company LocationOlympia Fields, IL, US**

**What You Will Do**

* Extract, collect, and collate appropriate, useful, and necessary data.
* Conduct related research and data mining.
* Validate and ensure integrity and accuracy of all data. Identify inaccurate data and disregard as appropriate.
* Analyze small and large data sets which may include using statistical techniques within statistical software.
* Evaluate and interpret results and final analysis in terms understandable to the appropriate audience.
* Collect data and produce Ongoing Professional Practice Evaluations (OPPE) for all Medicals Staff members.
* Provide administrative support for Quality Management committees.
* Maintain, organize and coordinate department office and activities.

**What It Takes To Succeed**

* Knowledge of medical terminology.
* Detail-oriented with excellent problem-solving skills required.
* Strong analytical, time management, organizational, verbal, and written skills.
* Knowledge of health care delivery systems, performance improvement, healthcare quality and patient safety.

**What We're Looking For**

Bachelor's Desired

# 1-3 Years Experience

This is another job involving healthcare, which I could leverage my healthcare background. It doesn’t specify the programming language I will be using. This job does mostly data gathering and analysis. I don’t think it requires model building.

# **Analytics Specialist**

### **Company Name** [**Dealer Inspire**](https://www.linkedin.com/company/3605803/life/)**Company LocationChicago, IL, US**

**Job Description**

Dealer Inspire is looking for an experienced Analytics Specialist to join our team. We're always innovating - we're looking for people that can own projects and see them through to delivery - while we want rock stars, we're not interested in prima donnas. Personal responsibility with respect to quality, attention to detail, and contribution of ideas is highly needed to succeed.

As a Data Scientist you will be part of a strong remote product and technology team that is building out rich and innovative features for our client facing products. We see it as important to not only deliver a great user experience, but also provide valuable data reporting and analysis to help our customers achieve more.

**Skills & Requirements**

We're flexible with learning on the job, with corresponding relevant work experience - but, for this position to be successful we need you to know the following, with a strong self-initiative to learn from others!

**Essential Responsibilities (including But Not Limited To)**

* Serve as a subject matter expert for information relating to digital analytics and related technologies
* Work with stakeholders to understand business objectives, define key performance indicators based on those objectives, and provide relevant data, including analysis and insights
* Regularly assemble data from various disparate sources (from multiple analytics suites) into consolidated reports/dashboards
* Build and customize dashboards, views, and reports within Salesforce
* Able to produce reports summarizing data for consumers with in-field expertise and for lay people and outside customers.
* Familiarity with and ability to use spreadsheet and analytics software relevant to computational analysis of large datasets.

**Required**

* Degree in Computer Science, mathematics, Statistics or related field
* Prior experience in data mining, research, application analytics, and analyzing user behavior
* Advanced analytical and statistical modeling skills including the ability to provide data mining solutions to complex and diverse marketing, client management and business problems

Another title similar to data scientist. This is a good fit for me because they’re flexible with learning on the job, and would be a great opportunity as I don’t have prior job experience. Most of the job responsibilities have to do with data wrangling.