Job Posting Research

**Job #1:** <https://www.indeed.com/viewjob?jk=0179ea131f141400&q=data+scientist&l=Tampa,+FL&tk=1dnit1b883hdu801&from=ja&alid=5c2d18dd45ce61d243f3a977&utm_campaign=job_alerts&utm_medium=email&utm_source=jobseeker_emails&rgtk=1dnit1b883hdu801>

What:

* Building machine learning models and systems, interpreting their output, and communicating the results;
* Moving models from development to production;
* Conducting research in a lab and publishing work;
* Programming including Python, R, Java, JavaScript, C++, Unix Hardware, sensors, robotics, GPU enabled machine learning, FPGAs, and Raspberry Pis, etc.;
* Understanding Data Storage Technologies including SQL, NoSQL, Hadoop, cloud-based databases such as GCP BigQuery, and different storage formats (e.g. Parquet, etc.);
* Understanding Data Processing Tools including Python (Numpy, Pandas, etc.), Spark, and cloud-based solutions such as GCP DataFlow;
* Understanding Machine Learning Libraries including Python (scikit-learn, genism, etc.), TensorFlow, Keras, PyTorch, and Spark MLlib;
* Understanding NLP libraries including spaCy, NLTK, gensim etc.;
* Understanding visualization including Python (Matplotlib, Seaborn, bokeh, etc.), and JavaScript (d3); and,
* Understanding productionization and containerization technologies including GitHub, Flask, Docker, and Kubernetes.

Where:

PwC Labs

When:

2 days ago

How:

Building machine learning models and systems, interpreting their output, and communicating the results;

Moving models from development to production;

Conducting research in a lab and publishing work

Programming including Python

Understanding Data Storage Technologies including SQL, NoSQL, Hadoop, cloud-based databases such as GCP BigQuery, and different storage formats (e.g. Parquet, etc.);

Understanding Data Processing Tools including Python (Numpy, Pandas, etc.), Spark

Understanding visualization including Python (Matplotlib, Seaborn, bokeh, etc.)

Understanding productionization and containerization technologies including GitHub,

Day-to-Day:

Looks like the day-to-day would be integration of data using big data Hadoop and data storage using SQL and NoSQL.

Data processing using python libraries

Data visualization with python

Creating and modifying ML algorithms

Communicating and interpreting results

**Job #2:**

<https://www.google.com/search?rlz=1C1CHBF_enUS826US826&sxsrf=ACYBGNS9_z46lCl-kuydg2kSq6Xr1fCKSw:1571586004035&ei=1H-sXf7ZAc7J5gKqnZvIDw&q=citibank+careers&oq=citibank+&gs_l=psy-ab.1.3.0i67j0j0i67j0l2j0i67j0j0i67l3.7337.7337..9440...0.2..0.57.57.1......0....1..gws-wiz.......0i71.J2pq60IKmtg&ibp=htl;jobs&sa=X&ved=2ahUKEwiMnbqRlqvlAhXtqFkKHUX-A0IQiYsCKAF6BAgJEBA#fpstate=tldetail&htichips=gcat_category.id:GC08&htidocid=NxjVx_TF5QCQdVvIAAAAAA%3D%3D&htischips=gcat_category.id;GC08:ComputerIT&htivrt=jobs>

What:

Supporting AML-related initiatives across the globe Work with stakeholders to identify opportunities for leveraging internal and external data using advanced data science techniques Continuously monitor, analyze, evaluate and identify opportunities toward enhancing AML capability solutions Develop and document AML solution's strategies, capabilities, roadmap, regularly re-evaluating, and re-aligning as needed Communicate decisions, plans and goals on AML solution strategies Innovate and generate new ideas, concepts and models to improve methods of obtaining and evaluating quantitative and qualitative data Maintain an industry in-depth leading knowledge of industry best practices, technologies, architectures and emerging trends available for best in class AML Detection and Monitoring Conduct end-to-end analysis that includes data gathering and requirements specification, processing, analysis and deliverables Apply rigorous data analysis methods to organize, analyze and interpret data and reports; ensure appropriate methodology is selected to draw conclusions and make recommendations answering specific business needs Drive quality, reliability and usability of all proposed solutions, evaluate and refine the data science methods and procedures used to obtain data in order to ensure validity, applicability, efficiency and accuracy Analyze, prepare, present and interpret reporting and research results with all levels of management Make business recommendations with effective presentations of findings at various levels of stakeholders through visual displays of quantitative and qualitative information Think outside the box and look for new methods to constantly improve the effectiveness and efficiency of the AML Detection, Monitoring and Operations systems and processes used in Citi

Where:

Primary Location:\*\* United States,Florida,Tampa

When:

30 Days ago

How:

concepts and models to improve methods of obtaining and evaluating quantitative and qualitative data Maintain

Conduct end-to-end analysis that includes data gathering and requirements specification, processing, analysis and deliverables Apply rigorous data analysis methods to organize, analyze and interpret data and reports

evaluate and refine the data science methods and procedures used to obtain data in order to ensure validity, applicability, efficiency and accuracy Analyze,

effective presentations of findings at various levels of stakeholders through visual displays of quantitative and qualitative information

Day-to-Day:

More on analytics, strategy development with high technology including advance data science methodologies. Presenting solution with visualization to non-technical people.

Data integration using various testing methodologies to ensure the data accuracy

**Job #3:**

<https://www.google.com/search?q=jpmorgan+chase+careers+tampa+fl+data+science&ibp=htl;jobs#fpstate=tldetail&htichips=job_family_1:data%20analyst&htidocid=qkrUP9Znkqriqk1uAAAAAA%3D%3D&htischips=job_family_1;data%20analyst&htivrt=jobs>

What:

USAA Careers • Applies expert analytical knowledge to utilize advanced analytics to assess future risk and/or new risks, opportunities, and effectiveness. • Translates results into meaningful solutions to enhance decision making. • Presents findings to senior level leadership. • Applies expert knowledge and industry best practices to quantify risk and aggregate exposures. • Develops complex systems and programs that measure aggregate risk exposures. • Performs model validations and presents results to senior leadership. • Applies innovative and scientific/quantitative analytical approaches to draw conclusions and make recommendations to answer business objectives and drive change. • Translates recommendations into communication materials to effectively present to senior leadership. • Recommendations typically have a major impact on business results. • Provides subject matter expertise in operationalizing recommendations. • Applies expert knowledge to produce advanced analytical material to lead discussions with cross functional teams and senior leadership to understand complex business objectives and influence solution strategies. • Demonstrates thought leadership in cross functional team environments. • Drives and creates cross functional teams in support of initiatives that have significant impact to the enterprise or a core business area. • Provides direction and mentorship to other team members in the peer review process. • Expertly communicates analytical results, findings and solutions to governance committees and business process owners and influences business analysis.

Where:

USAA Tampa FL

When:

30 Days ago

How:

• Translates results into meaningful solutions to enhance decision making. • Presents findings to senior level leadership.

Performs model validations and presents results to senior leadership. • Applies innovative and scientific/quantitative analytical approaches to draw conclusions and make recommendations to answer business objectives and drive change.

Day-to-Day:

More on analytics, strategy development with high technology including advance data science methodologies. Presenting solution with visualization to non-technical people.

Data integration using various testing methodologies to ensure the data accuracy