

Senior Quantitative Analyst

Job Summary:

This Job Description is within Quantitative Analytics Job Family and is aimed primarily for positions within the Financial Monitoring Group (FMG), Retail Risk Analysis (RRA), and Risk Assessment, Data Analysis and Research (RADAR) business lines; but could include anyone within the Supervision Regulation and Credit (SRC) department that performs these tasks. An ideal candidate must have knowledge of and be able to perform actions that are related to activities in the designated business line.

The Senior Quantitative Analyst has a strong interest in supervisory processes, banking products and applicable laws and regulations, in addition to an advanced understanding of banking risks and risk management strategies.

The Senior Quantitative Analyst serves as an advanced technical SME within an assigned risk area, with responsibilities that may include evaluating trends in the banking industry, identifying factors that pose risk to the financial system, and communicating relevant findings to internal stakeholders. He/she may support senior staff on system-wide analytical initiatives related to consumer credit, bank risk, or regulatory policies pertaining to these matters that may include horizontal studies on bank safety and soundness, research projects, implementation of the models used for the annual Dodd Frank Act (DFAST) and Comprehensive Capital Analysis and Review (CCAR) stress tests, among others.

The job description below reflects the higher level of a dual grade job posting. Candidates who possess a slightly lower level of experience, education, or qualifications may also be considered.

The [salary grade](#) for this position is: 13/15. Final salary and offer will be determined by the applicant's background, experience and skills, as well as internal equity and alignment with market data.

Job Description

40%

Supports the development or implementation of supervisory retail loss models, the data related to those models, or the qualitative evaluation of industry models through participation in the DFAST and CCAR exercises.

40%

Analyze consumer credit or fixed income securities such as tracking the performance of key variables to identify possible sources of emerging risks for bank examiners, subject matter experts, CCAR modelers or other System personnel.

15%

Lead or collaborate with senior staff on statistical and econometric research projects, including collecting and analyzing data, reviewing prior research, writing research reports, and presenting results to officers and staff.

5%

May participate on bank, department, or system projects. Fulfills job duties and responsibilities in conformance with sound safety practices. Demonstrates effective SRC Core Competency skills for grade and position. Performs other related duties as assigned.

Knowledge and Skills:

- Strong written and oral communications skills.
- Independently presents findings and assessments concerning highly complex supervisory matters or institutions; demonstrates ability to discuss the most complex issues with any stakeholder either within or outside the Division; assists others in their communication to achieve a consistent message, tone, style and format; diffuses conflict and builds consensus; actively engages in transferring technical knowledge; demonstrates effective use of listening skills and the ability to manage the communication process.
- Demonstrates strong analytical skills; uses appropriate strong analytical and problem-solving skills. complex to high complex diagnostic- and root-cause analysis skills to identify direct and indirect causes of problems of unknown origin; gathers tangible and factual evidence from many sources; recognizes symptoms that may indicate severe problems or issues; organizes data and information in a manner that effectively communicates issues and underlying causes.

- Ability to collect and analyze data to track performance of key variables and identify possible sources of emerging risks within the financial sector.
- Experience working with large datasets using statistical software, such as SAS or Stata, is required.
- Strong interpersonal skills.
- Demonstrates the ability to effectively lead a team; draws on experience to resolve complex issues; leads complex and diverse team efforts through technical expertise and leadership/skills of influence; leverages relationships and networks to accomplish goals and objectives; encourages and supports other team members to develop productive work relationships.
- Strong time management skills.
- Identifies and assesses highly complex supervisory issues; able to effectively manage highly complex supervisory issues to achieve supervisory or organizational goals.
- Subject to little to no oversight in work performed; may serve as mentor/coach; may coordinate and/or supervise activities of others; applies specific experience and expertise in business line and recommends preferred courses of action to guide management in highly complex matters.
- Senior Quantitative Analysts are highly motivated individuals who are able to work under moderate supervision and interested in consumer credit or bank risk.

Education and Experience:

- Bachelor's degree in a business or quantitative discipline, such as economics, finance, or statistics is required, with a minimum of five years of industry experience.
- An advanced degree in a business or quantitative discipline is strongly preferred.
- Job experience requirements can be supplemented with advanced degrees in a quantitative or business discipline, such as economics, finance, or statistics.

Physical Requirements: None

To Apply:

Go to provide workday or job posting link [here](#) and find the “Quantitative Analyst III/Senior Quantitative Analyst” position. To be considered for the position, please submit a resume and a cover letter explaining your interest. We may require you to send us your writing samples and/or sample programming code during the interview process.

NOTE: This document indicates the general nature and level of work performed by employees within this position. It is not a comprehensive inventory of all duties, responsibilities, and qualifications required of employees assigned to this job. An employee's responsibilities, tasks, and duties might differ from those outlined in the job description, and other duties, as assigned, are a part of the job. The Federal Reserve Bank of Philadelphia reserves the right to modify the elements of this job description, as business needs require.

We offer a great benefits package that features:

- Medical (4 options), Prescription, Dental (3 options), and Vision Insurance with no waiting period
- 401k/Thrift Plan with generous employer match
- Employer-funded Pension Plan
- Paid Vacation/Sick Time & Holidays
- Monthly \$200 Commuter Allowance
- Flexible Spending Accounts and Healthcare Spending Accounts
- Flexible Work Schedule available in most departments
- Life Insurance and Long-Term Disability Insurance
- Tuition Reimbursement (undergraduate and graduate)
- Parental Leave
- Free onsite 24/7 Fitness Center including training classes, Peloton bikes and locker room / shower facilities
- Onsite Cafeteria & Coffee Shop
- Additional Convenience Benefits, Discounts and More...

Additional Information:

- The Federal Reserve Bank of Philadelphia takes your information privacy seriously. Federal Reserve Bank of Philadelphia staff will only email you from the “@phil.frb.org” domain or through the Workday system “rb@myworkday.com”. If you are initially contacted by phone, feel free to request that the caller provide you with their email address to validate their identity. If you have any questions about the validity of someone who contacts you regarding this position, please email the Talent Acquisition team at TalentAcquisition@phil.frb.org.
- We are an equal opportunity employer committed to hiring the best candidates and to providing equal employment opportunity to all persons without regard to race, color, religion, sex, pregnancy, national origin, age, genetic information, disability, military service, or any other basis protected by law.
- We will ensure that individuals with disabilities are provided reasonable accommodations to participate in the job application or interview process, to perform essential job responsibilities, and to receive other benefits and privileges of employment. If you need assistance or an accommodation due to a disability, please email us at TalentAcquisition@phil.frb.org.
- All Federal Reserve Bank of Philadelphia employees must comply with the Bank's ethics rules, which generally prohibit employees, their spouses/domestic partners, and minor children from owning securities, such as stock, of banks or savings associations or their affiliates, such as bank holding companies and savings and loan holding companies. If you or your spouse/domestic partner or minor child own such securities and would not be willing or able to divest them if you accepted an offer of Bank employment, you should raise this issue with the Recruiter for this posting, who could provide you contact information for our ethics officer if necessary. You should review the [Bank's Employee Code of Conduct](#) to ensure compliance with conflict-of-interest rules and personal investment restrictions.
- You will be required to complete a background investigation including drug testing as a condition of employment, after the job offer is made. Candidates for positions deemed as "safety sensitive" will also be drug screened for the presence of marijuana. Any hiring decision based on a background investigation will be made following an individualized assessment that is job-related and consistent with business necessity and applicable law. Employment may not begin until the Bank accepts the results of the background investigation.

- Due to the nature of the information, you will have access to, we require that you also complete a more in-depth enhanced background screening (Peraton moderate or high).
- All employees will be subject to FBI fingerprint / criminal background and Patriot Act/ Office of Foreign Assets Control (OFAC) watch list checks at least once every five years.
- This position requires access to confidential supervisory information and/or FOMC information, which is limited to “Protected Individuals” as defined in the U.S. federal immigration law. Protected Individuals include, but are not limited to, U.S. citizens, U.S. nationals, and U.S. permanent residents who either are not yet eligible to apply for naturalization or who have applied for naturalization within the requisite timeframe. Candidates who are permanent residents must sign a declaration of intent to become a U.S. citizen when eligible to do so and pursue a path to citizenship. Candidates who are not U.S. citizens or U.S. permanent residents may be eligible for the information access required for this position if they sign a declaration of intent to become a permanent resident and a U.S. citizen and meet other eligibility requirements. In addition, all candidates must undergo an applicable background check and comply with all applicable information handling rules. Certain eligibility rules apply. You will provide work authorization to prove your eligibility to work in the United States.
- The above statements are intended to describe the general nature, level of work and the requirements of this position. They are not intended to be an exhaustive list of all responsibilities associated with this position or the personnel so classified. While this job description is intended to be an accurate reflection of this position, management reserves the right to revise this or any job description at its discretion at any time.
- By applying to this position, you agree you will be available to work on-site in a full-time capacity.
- Learn more [about](#) the Philly Fed and its culture. Learn more about [working](#) for the Philly Fed.