

Job Description: Senior Analyst, US AML Model Management

Role/Title: Senior Analyst, AML Model Development	Date Evaluated:
Immediate Manager's Job Title: Manager, US AML Model Management	Credit Qualified: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Next Level's Manager's Job Title: Director, US AML Model Management	Commission Eligible: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Banking Group: AML	Location: Toronto/Milwaukee/Chicago
Department: US AML Model Management	Evaluated Grade: 6 Job Code:
Mandate / Marketability (this section will be loaded to myRecruiting so make it clear for internal & external candidates)	
<p>The Senior Analyst, AML Model Development will be responsible for statistical analysis of structured and unstructured data to support the design and development of scenarios within automated AML transaction monitoring applications. This position supports the ongoing optimization, segmentation, tuning, and data modeling/validation efforts across the U.S. AML Office. Perform analysis using statistical tools (SAS & SQL) to develop insights from transaction activity and summarize findings in a business level sense to AML management. Provide expertise in the detection of suspicious activity and the identification of Red Flags pertaining to transaction activity monitored throughout the U.S. AML Office. Develop and maintain model documentation necessary to support the model development/validation process.</p>	
Key Accountabilities (this section will be loaded to myRecruiting so make it clear for internal & external candidates)	
<ul style="list-style-type: none"> Assess the quality of the data for model development as well as inputs to models. Assist in the research and design of transactional and informational data elements required during the development of new suspicious activity monitoring methods. Perform statistical analysis of transactional data utilized within automated AML monitoring applications. Analyze the effectiveness of automated monitoring methods and provide recommendations for improvement based on identified risk and control gaps. Design, develop, test, and implement rules utilized within automated AML monitoring applications to detect suspicious activity. Develop insights from transactional activity and model output and summarize findings in a business level sense to AML management. Assist in preparing model documentation to support the model development/validation process. 	
Authorities	Scope & Impact
<ul style="list-style-type: none"> Provide and recommend actions to mitigate risk and use judgment-based decision-making regarding AML policies and procedures. Use and access confidential information related to customer information, product and financial information while adhering to corporate standards for dealing with that type of data. 	<p>The role has an impact on maintaining the Bank's reputation through the ML/TF electronic monitoring, detection and reporting of suspected money laundering, organized crime and terrorist financing.</p>

Cross Functional Relationships

- AML Team (CAMLO Office, FIU, Enterprise AML Modeling and Data Governance)
- Product Groups
- Line Of Business' (AMLRO's)
- Model Risk Vetting Group
- Technology & Operations

Knowledge & Skills (this section will also be loaded to myRecruiting)

Working Conditions

Knowledge

- Detailed knowledge of anti-money laundering related requirements
- Detailed knowledge of data analysis / analytics / mining techniques
- Effective communication skills and proven ability to impact and influence
- Sound knowledge of banking operations
- Proven Leadership and Management capabilities
- Prior experience in data extraction, manipulation, analysis and reporting (3+ years)
- Prior experience with data analysis tools (3+ years)
- Prior experience in financial crime, risk assessments (3+ years)
- Prior AML experience (3+ years)
- Undergraduate degree or specific industry experience. Advanced degree in Statistics, Mathematics, Engineering, Economics, Finance or MBA or other quantitative field preferred.

Skills

- Analytic Thinking In-depth
- Data Mining & Modeling In-depth
- Problem Solving In-depth
- Information Management In-depth
- Applied Innovation Working
- Risk Management Working
- Project Management Working
- Managerial Leadership Working

This role operates within normal office conditions with minimal exposure to health risks.

ADA Supplement (Required for all Jobs)

Job Title:		
1. ESSENTIAL FUNCTIONS: List the number of Accountabilities that represent essential functions of the job. A job function may be considered essential for any of several reasons, including but not limited to: a. The main duty performed in that position b. There are a limited number of employees available who can perform the function and/or c. The function may be highly specialized		
2. EQUIPMENT/MACHINES: Check below to identify all equipment/machines that must be used proficiently in order to perform essential job functions. Specify the "Other" machines used.		
<input checked="" type="checkbox"/> Office Equipment (Phone, Fax, PC, Copy Machine) <input type="checkbox"/> Other:		
3. PHYSICAL REQUIREMENTS: Check below to identify all physical requirements required to perform essential functions and explain if needed.		
<input type="checkbox"/> Climbing	<input checked="" type="checkbox"/> Carrying; Weight Limit:5lbs/2.5kg	<input checked="" type="checkbox"/> Oral Communication
<input type="checkbox"/> Bending	<input type="checkbox"/> Lifting; Weight Limit:	<input type="checkbox"/> Clear Speech
<input type="checkbox"/> Stooping	<input type="checkbox"/> Pulling	<input type="checkbox"/> Dexterity
<input type="checkbox"/> Pushing	<input checked="" type="checkbox"/> Repetitive Motions = Keyboard/mouse usage	<input checked="" type="checkbox"/> Written Communication
<input type="checkbox"/> Standing	<input type="checkbox"/> Seeing/General	<input type="checkbox"/> Hearing/Listening
<input type="checkbox"/> Walking	<input type="checkbox"/> Close Vision	<input type="checkbox"/> Shift Work
<input checked="" type="checkbox"/> Sitting	<input type="checkbox"/> Color Perception	<input type="checkbox"/> Driving
<input type="checkbox"/> Other		
Explanation:		
4. MENTAL REQUIREMENTS: Check below to identify all the mental skills and abilities required to perform essential job functions and explain if needed.		
<input checked="" type="checkbox"/> Concentration	<input checked="" type="checkbox"/> Analyzing Data	<input checked="" type="checkbox"/> Writing
<input checked="" type="checkbox"/> Decision Making	<input checked="" type="checkbox"/> Problem Solving	<input checked="" type="checkbox"/> Works Under Significant Time Constraints
<input checked="" type="checkbox"/> Reasoning	<input checked="" type="checkbox"/> Reading	<input type="checkbox"/> Memorization
<input type="checkbox"/> Other		



Explanation:

5. ENVIRONMENTAL CHARACTERISTICS OF THE WORK AREA: Check below to identify the environmental characteristics of the work area and explain if needed.

- | | | |
|--|---|--|
| <input type="checkbox"/> Work Outdoors | <input type="checkbox"/> Noise Intensity | <input checked="" type="checkbox"/> Face-to-face Contact |
| <input type="checkbox"/> High Temperature | <input type="checkbox"/> Atmosphere | <input checked="" type="checkbox"/> Hours exceed 40/week |
| <input type="checkbox"/> Low Temperature | <input type="checkbox"/> Works Alone | <input checked="" type="checkbox"/> Occasionally |
| <input type="checkbox"/> Air Contamination | <input checked="" type="checkbox"/> Works with Others | <input type="checkbox"/> Regularly |
| | | <input type="checkbox"/> Other |

Explanation:

6. PHYSICAL ACCESS: Check below to identify the types of physical access encountered.

- | | | |
|--|-------------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> Doorways | <input type="checkbox"/> Stairs | <input type="checkbox"/> Travel |
| <input checked="" type="checkbox"/> Elevator | <input type="checkbox"/> Turnstiles | <input type="checkbox"/> Vehicles |
| <input type="checkbox"/> Escalator | <input type="checkbox"/> Ramps | <input type="checkbox"/> Other |

Explanation: Normal office tower work environment