Job Description: Senior Analyst, US AML Model Management

Role/Title: Senior Analyst, AML Model Development

Immediate Manager’s Job Title: Manager, US AML Model Management

Next Level’s Manager’s Job Title: Director, US AML Model Management

Banking Group: AML

Location: Toronto/Milwaukee/Chicago

Department: US AML Model Management

Evaluated Grade: 6

Job Code:

Date Evaluated: Credit Qualified: Yes ☐ No ☒

Commission Eligible: Yes ☐ No ☒

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.

Key Accountabilities

• 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

• 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.

Scope & Impact

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.
### 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)

#### 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

### Working Conditions

This role operates within normal office conditions with minimal exposure to health risks.
# ADA Supplement (Required for all Jobs)

<table>
<thead>
<tr>
<th>Job Title:</th>
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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.

   - Office Equipment (Phone, Fax, PC, Copy Machine)
   - Other:

3. **PHYSICAL REQUIREMENTS:** Check below to identify all physical requirements required to perform essential functions and explain if needed.

   - Climbing
   - Bending
   - Stooping
   - Pushing
   - Standing
   - Walking
   - Sitting
   - 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.

   - Concentration
   - Decision Making
   - Reasoning
   - Analyzing Data
   - Problem Solving
   - Reading
   - Writing
   - Works Under Significant Time Constraints
   - Memorization
5. ENVIRONMENTAL CHARACTERISTICS OF THE WORK AREA: Check below to identify the environmental characteristics of the work area and explain if needed.

<table>
<thead>
<tr>
<th>Environmental Characteristic</th>
<th>Frequency</th>
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<tbody>
<tr>
<td>Work Outdoors</td>
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<tr>
<td>High Temperature</td>
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<tr>
<td>Low Temperature</td>
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<tr>
<td>Air Contamination</td>
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<td>Noise Intensity</td>
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<tr>
<td>Atmosphere</td>
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<tr>
<td>Works Alone</td>
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<td>Works with Others</td>
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<tr>
<td>Face-to-face Contact</td>
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<tr>
<td>Hours exceed 40/week</td>
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<tr>
<td>Occasionally</td>
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<tr>
<td>Regularly</td>
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<td>Other</td>
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</tbody>
</table>

Explanation: Normal office tower work environment

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

<table>
<thead>
<tr>
<th>Physical Access</th>
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<tbody>
<tr>
<td>Doorways</td>
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<tr>
<td>Elevator</td>
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<tr>
<td>Escalator</td>
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<td>Stairs</td>
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<td>Turnstiles</td>
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<td>Ramps</td>
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<td>Travel</td>
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<tr>
<td>Vehicles</td>
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<tr>
<td>Other</td>
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</table>

Explanation: Normal office tower work environment