RISK REGISTER

Operational Environment: The bank is located in a coastal area with low crime rates. Many people and systems manage the bank's data: 100 local employees and 20 remote employees. The bank's customer base includes 2,000 individual accounts and 200 business accounts. The bank's services are marketed by a professional sports team and ten local businesses in the community. There are strict financial regulations that require the bank to protect its data and funds, such as maintaining enough cash available every day to comply with Federal Reserve requirements.

Asset	Risk(s)	Description	Probability	Severity	Priority
Email compromise		An employee is tricked into sharing confidential information via phishing emails.	2	2	4
User database	Database compromise	Customer data is poorly encrypted.	2	3	6
Financial records	Financial records leak	A database server with backed-up data is publicly accessible.	3	3	9
Robbery	Safe left open	The bank's safe is left open.	1	3	3
Supply chain disruption	Delivery delays due to natural disasters	Delays in delivery due to natural disasters.	1	2	2

Notes:

- Doing business with other companies may increase risks to data as it presents additional avenues for data to be compromised.
- While the risk of robbery is significant, it may not be a priority because the bank is located in a low-crime area.

Concepts:

- Probability: A rating from 1 to 3 on the likelihood of the vulnerability being exploited. 1 means low probability, 2 means moderate probability, and 3 means high probability.
- Severity: A rating from 1 to 3 on the potential damage the threat could cause to the business. 1 means low impact, 2 means moderate impact, and 3 means high impact.
- Priority: How urgently a risk should be addressed to prevent the potential incident. The overall score is calculated using the formula: Probability x Severity = Risk.