

## **DAT 610: Milestone Three Guidelines and Rubric**

**Overview:** Visualization is an increasingly valued complement to data analytics. Operational risk management programs are among the many business functions that wish to incorporate not only sophisticated analytic capabilities but also visualization capabilities that allow analytic results to be communicated meaningfully to a broader audience. The accumulation of greater volumes of internal loss event data and the increasing availability of external loss event data only increase the demand for robust visualization capabilities.

**Prompt:** Company XYZ's chief risk officer has asked you to expand the scope of your risk management systems evaluation to include visualization capabilities to support the operational risk management program.

Expand your evaluation of RMS products to include both stand-alone visualization tools as well as integrated visualization capabilities within RMS products. Use the data in the Auto Accident Personal Injury Claims file.

Address the following **critical elements** in your response:

## 1. Industry-Standard Visualization Techniques

What are the current industry-standard risk management visualization techniques? Which ones have potential to support the organization's general risk goals? What supporting evidence or documentation is available to support your conclusions?

## 2. Visualization Proposal

Propose visualization strategies that support the organization's programs, policies, and strategies for risk assessment and management. Justify your proposal(s) with relevant research and examples where appropriate.

**Guidelines for Submission:** This submission must be one to two pages in length and must use double spacing, 12-point Times New Roman font, and one-inch margins. Citations must use APA format.

## Rubric

	Exemplary (100%)	Proficient (90%)	Needs Improvement (70%)	Not Evident (0%)	Value
Industry-Standard	Meets "Proficient" criteria	Outlines industry-standard	Outlines industry-standard	Does not outline industry-	50
Visualization Techniques	and provides an in-depth,	visualization techniques and	visualization techniques and	standard visualization	
	detailed overview of the	best practices that have	best practices, but not in	techniques and best	
	techniques and best	potential for application to	terms of potential	practices	
	practices mentioned	the organization	application to the		
			organization		
Visualization Proposal	Meets "Proficient" criteria,	Proposes visualization	Determines visualization	Does not propose	50
	and proposals are	strategies that support	strategies that support	visualization strategies for	
	supported with relevant	organizational programs,	organizational programs,	the organization	
	research and examples	policies, and strategies for	policies, and strategies for		
	where appropriate	risk assessment and	risk assessment and		
		management with research	management but does not		
		support where appropriate	include appropriate		
			research support		
Total					100%