

1) Business Scenario: What industry are you working in?

The industry for this project is Disaster Management and Public Safety. The focus is on a National Disaster Response Management System, which tracks natural disasters like hurricanes, floods, and wildfires, alongside response efforts. The database will manage information about the disasters, resources deployed, response teams, and the affected populations. The goal is to provide an efficient way to analyze disaster data and coordinate effective responses to minimize damage and loss of life.

2) Typical users: Who will need to interact with the data?

The primary users of this disaster management database will be disaster response analysts, government officials, public health officials, and logistics teams. Analysts will use the data to evaluate the effectiveness of disaster responses, identify areas for improvement, and create reports for disaster relief organizations and government agencies. Government officials and managers will need to interact with the data to track active and past disasters, assess resource allocation, and make informed decisions about where and when to deploy resources and personnel. Public health officials will rely on the database to analyze the health impacts of disasters, such as disease outbreaks or hospitalizations related to environmental conditions, and determine the necessary medical response in affected areas. Finally, logistics teams will interact with the system to track the distribution and usage of resources like medical supplies, food, water, and shelter, ensuring that aid is delivered to the regions that need it most.