



Mechanical & Industrial Engineering  
UNIVERSITY OF TORONTO

## **Large Scale Data Analytics and Visualization**

**Problem Statement:** The project objectives are to apply scalable data analytics tools and techniques to gain useful insights and to support decision making. Most projects will source open data from the web. The activities include the extraction, preparation (cleaning), and combination of data from multiple sources (leveraging scalable data management environments such as Spark and Hadoop), followed by the application of analytical techniques, and leading to the creation of insightful visualizations of the results obtained (using tools such as Tableau). Requirements are a working knowledge of SQL, as well as an interest in cloud programming/scripting. Several positions are available.

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