LAMBTON COLLEGE

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**A Project on**

[Data Visualization in financial Instution**]**

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A project on Data Visualization of loan and credit data in Financial institution.

Big Data Analytics DSMM

**Under the supervision**

**of**

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# Project Title and Description

In recent years it is seen that a lot of banks and other financial institutions are struggling to get insights from their data. For most companies, data is stored in excel files daily and they store huge amounts of data. These data sit either sit on the company’s on-premises servers or the cloud and they has just been accumulated over time. Since the data is not organized and managed properly, querying these data and getting any useful information out of them has become a close to impossible task. Employees have been using excel for some basic visualizations but as the amount of data is growing daily excel is not able to cope up with the volume of the data. This problem demands a solution where these daily growing data can be handled and visualized properly so that insight can be driven from them. When visualized the pattern or the trend of the data can be analyzed.

Dataverseis a data visualization project where data from financial institutions will be collected, transformed and visualized. The focus area for this project will be the Credit and sales department. Since financial institutions generate most of their revenue from the Credit and load department it makes sense to focus on this department and visualize the data within this domain. Data will be collected daily and transformed using ETL tools to finally store it in the data warehouse. Visualization will be built on the data gathered in the warehouse using Power BI. Power BI dashboard will have multiple graphs and plots to visualize the trend of data in Credit and sales.

# Project Manager Assigned and Authority Level

Raj Katta will be the project manager for this project and will have authority to select team members and determine the final project budget and schedule.

# Business case

# Resources Preassigned

# Key Stakeholder List

# Stakeholder Requirements as known

# High Level Product Description/Key Deliverables