GRAPH ANALYTICS USING FINANCAL TRANSACTION DATA
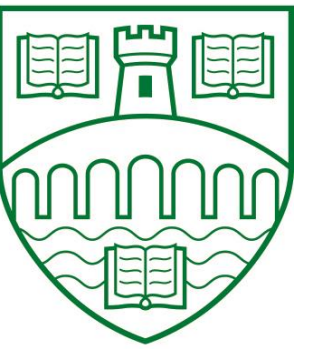
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Summary

The aim of this project is to create a financial graph of individual financial transaction network. This is about creating and applying a methodology to describe an individual using a social graph methodology. The end result will be a data model that can be used to compare individuals, profile individuals or match those individuals to specific products and suggestions.

Dataset

- ❖ **Financial Transaction data**
- ❑ **Dataset of customer spending events**

Algorithms

- ❖ **PageRank**
- ❖ **Community Detection**
- ❖ **Triangle Count**
- ❖ **Shortest path**
- ❖ **Clustering**

Spark

GraphX

JavaScript

D3