## **Phase 1: Problem Definition and Design Thinking**

The scope of this document is to identify the problem and find out the extract solution ranging from climate trends to social patterns in real time Big Data Analysis.

**Problem Definition:**

It has been researched and found that there have been the following issues with analyzing data in database. The issues and problems are listed below:

* The big data analysis has no long-term data storage and large volume of data size
* The data are very low quality and complex to analyze as it contains a large amount of data
* There is no extract analysis in big data so it’s acquiring of business losses
* An effort that's slower and less efficient with more traditional business intelligence solutions

**Design Thinking:**

Having understood the above problem. We would be designing a solution which would be able to solve the same.

* Categories the extract datasets to analyze the different traditional data and speedup the performance of analysis
* Store and manage the data with trends and analysis the data in extensive manner
* Present the analysis data with statistical and more pre-predictable analysis
* Transfer extract long-term information to business intelligence for their analysis and visualizing the results

NOTE:

File naming Convention: Big\_Data\_Analysis\_phase 1