introduction to Data mining

GROUP MEMBER CONTRIBUTION

University of the Cumberlands – SUMMER 2018

Week# - 6

**Name:**

**V M Naveen Chatlapalli (002836193)**

**Sai Charan Dasari (002843892)**

**Suhas Tadakamadla (002838126)**

**Class #: ITS632 - Data Mining**

**Professor: Liu, Ying Nathan**

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**Naveen Chatlapalli** -

Naveen has leaded the team and have worked on the real dataset for “Demand Forecasting” which has been downloaded from the UCI machine learning repository. Considering the Demand Forecasting as an important KPI, provided the Predictive Analysis using the Decision tree Data mining model analyzed the classification of data. Also, considering the multi-layered perception function in Data mining using Weka tool to classify the non-segmented data. Found the error rate of epoch by the learning curve observed through the epochs identified, creating the multiple hidden layers. Also, observed and researched about the key Data mining techniques being utilized in the Supply chain management organization.

**Sai Charan Dasar**i –

Sai Charan has done very good research about the Key performance Indicators observed in the Supply chain management organizations. He has clearly mentioned about the different types of KPIs used in the SCM organizations. Also, has clearly identified the usage of cross-functional KPIs and established their key usage in the SCM industry.

**Suhas Tadakamadla** -

Suhas has done extensive research in identifying the main need of Supply chain management. He has clearly explained the key functionalities observed in SCM. Coming from the first stage of identifying the raw materials, creating the products, logistics, sales and procurement. He identified the logistics as a subset of supply chain management and should be given a high priority for understanding the key performance indicators.