**Batch no: IMPCSEBA1**

**M.Amulya.**

**K.Divya.**

**D.Soumya Laxmi**.

**ABSTRACT**

Analysis on Olympics medal lists dataset since 1924 to 2006. This analyzing is used to understand sports performance of each country as well as each individual. For every country it is most important to understand the strategy of each year and predict for the future. Using the available dataset we provided different findings and plotted graphs accordingly.

Data provided in the dataset directly does not yield any results, sometimes it is tough to read whole text available. So in order to understand whole data we have draw some conclusions. Each year medals won by countries were different and performance changes over years. So this analysis helps to understand their performance over years.

There are many analyzing tools available these days like R tool, hadoop, hive and so on. We chose R tool where we can write simple queries to draw conclusions. R tool provides various inbuilt packages, functions and simple GUI to work with. Moreover it an open source tool. Visualization helps everyone to understand clearly by plotting different graphs like bar plot, pie chart, box plot and so on.

We provided various findings like which city won more medals, no of men and women participating in the event, Total medals awarded for each sport from 1924 to 2006, Which Countries have won a medal at every Olympics.

**Software Requirements**:

Programming Language: R programming.

R-Tool version: 3.3.0

Operating system: windows 8.1.