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ABSTRACT

Data analytics is a method of applying quantitative and qualitative techniques to analyze data, aiming for valuable insights. With the help of data analytics, we can explore data (exploratory data analysis) and we can even draw conclusions about our data (confirmatory data analysis). In this chapter, we will study big data, starting from the very basics and slowly getting into the details of some of the common technologies used to analyze our data. We have completely analyzed the data set of **fifa world cup** step by step. This chapter helps the reader to examine large datasets and recognize patterns in data, hence generating reports. We will focus on the seven V's of big data analysis and will also study the challenges that big data gives and how they are dealt with.

The objectives of Internship are to expose students to real-time life challenges, To provide the opportunity to gather data, analyze data, propose solutions and implement Solutions. Also, it paves the way for personal development and creative engineers who are Proud volunteers with a sense of achievement and ready to take up projects having a solving capacity of corporate challenges and creating digital awareness. Besides, it helps the students to strengthen their soft Skills, leadership qualities and team spirit. Moreover, these activities inculcate entrepreneurial Mindset.