Data Insertion methods in hive and visualization of data using Tableau

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Abstract: Big Data is a notion that extends to all the vast number of different data types. Both humans and machines around the globe produce this huge amount of data. With tremendous speed, the collection and analysis of larger data available in various formats is growing in order to obtain values from it. Big data queries should therefore be easy to get useful information to improve the efficiency of the system. To achieve this aim, big data developers have developed numerous technologies, such as Hive, to better query and process big data. In this paper, we concentrated on various methods for inserting data in the Hive table based on data position using the Cloudera Fast Start Engine like Apache Hadoop (CDH) and we used Tableau for data visualization. Using Tableau, we can link to Hive and transform visually appealing and immersive visualizations into data stored in Hive.