# Assignment – Unit 1 – Introduction to Data Analytics

Answer the following questions:

1. Define Data Analytics and explain its importance in modern business.
2. Differentiate between Descriptive, Diagnostic, Predictive and Prescriptive analytics.
3. Outline the Data Analytics life cycle and explain its stages with examples.
4. Discuss data types and identify at least three measures of central tendency.
5. A sample dataset consists of {10, 15, 20, 20, 25, 30}. Compute the mean, median and mode of the dataset.