**COMPARE AND CONTRAST BIG DATA AND DATA ANALYTICS**

**BIG DATA**: Big data refers to extremely large and complex datasets that require specialized tools and techniques for processing and analysis.

**DATA ANALYTICS**: Data analytics refers to focusing on examining (interpreting) existing datasets to extract patterns and insights.

**RELATIONSHIP BETWEEN DATA SCIENCE AND BIG DATA**

Big data provides the raw material- large, complex datasets from various sources while Data science provides the tools and methods to extract meaning and value from the Data.

**DIFFERENCES BETWEEN DATA SCIENCE AND DATA ANALYTICS**

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| |  |  | | --- | --- | | **DATA SCIENCE** | **DATA ANALYTICS** | | Data science involves the entire data lifecycle, including data collection cleaning , analysis and interpretation. | Data analytics primarily focuses on analyzing existing data to uncover patterns and insights. | |