

# Why do we adopt Big Data Analytics and benefits of Big Data Analytics



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# What is Big Data?

- Big data refers to data sets that are too large or complex to be dealt with by traditional data-processing application software.
- Big data was originally associated with three key concepts: volume, variety, and velocity.
- Data with many fields (rows) offer greater statistical power.



# BIG DATA ANALYTICS

- Big data analytics is the complex process of examining big data to uncover information such as hidden patterns, correlations, market trends and customer preferences.
- With big data analytics, we can ultimately fuel better and faster decision-making, modelling and predicting of future outcomes and enhanced business intelligence.



# Why Big Data Analytics?

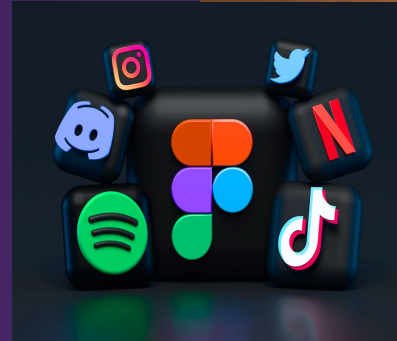
Businesses that use big data with advanced analytics gain value in many ways, such as:

1. **Reducing cost:**- Big data technologies like cloud-based analytics can significantly reduce costs when it comes to storing large amounts of data (for example, a data lake).
2. **Making faster, better decisions:**- Helps businesses analyze information immediately and make fast, intelligent decisions.
3. **Developing and marketing new products and services:**- Being able to gauge customer needs and customer satisfaction through analytics empowers businesses to give customers what they want, when they want it.



# Big Data Analytics in today's world

- ❖ E-commerce
- ❖ Marketing
- ❖ Education
- ❖ Healthcare
- ❖ Media and entertainment
- ❖ Banking
- ❖ Telecommunications
- ❖ Manufacturing
- ❖ Technology



# Bibliography

- [https://www.sas.com/en\\_us/insights/analytics/big-data-analytics.html](https://www.sas.com/en_us/insights/analytics/big-data-analytics.html)
- <https://www.simplilearn.com/what-is-big-data-analytics-article>
- <https://www.techtarget.com/searchbusinessanalytics/definition/big-data-analytics>
- <https://www.ibm.com/in-en/analytics/big-data-analytics>
- <https://www.oracle.com/in/big-data/what-is-big-data/>
- [https://en.wikipedia.org/wiki/Big\\_data](https://en.wikipedia.org/wiki/Big_data)



**THANK YOU**