



Below is the table of differences between Artificial Intelligence and Business Intelligence:

AD

DSA	Data Structures	Algorithms	Interview Preparation	Data Science	Topic-wise Practice
S. No.	Factors	Artificial Intelligence	Business Intelligence		
1.	Concept	Artificial intelligence involves humans like computer intelligence.	Business intelligence involves intelligent decision-making.		
2.	Focus	It deals with the principles of statistical analysis.	It deals with machine learning and deep learning algorithms.		

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S. No.	Factors	Artificial Intelligence	Business Intelligence
		recognition, virtual gaming, fuzzy logic, etc.	
4.	Starts with	It begins with instructing systems to think and act like people, and it concludes with foresight into the future.	The process begins with collecting and analyzing data points from multiple data sources and concludes with visual dashboards and reports.
5.	Scope	Its scope is associated with events of the future.	Its scope is associated with what has happened in the past.
6.	Contributions	It contributes to the subjects like biology and computer science.	It contributes to OLAP, enterprise reporting and data analysis.
7.	Algorithm	It uses the BFS (Breadth First Search algorithm) and follows the FIFO principle.	It uses the linear aggression module for classifying data.
8.	Drawback	It has drawbacks such as a threat to privacy and safety.	It has drawbacks like improper technology and misuse of data.
9.	Intention	The main intention of Artificial intelligence is to develop machines that are capable of working like the human brain.	The main intention of business intelligence is analyzing data and predicting the future from the past data.

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S. No.	Factors	Artificial Intelligence	Business Intelligence
10.	Tools	It uses complex algorithms to make logic.	It uses spreadsheets, query software, and data mining tools for analysis.
11.	Research Areas	<p>The following are some examples of Artificial Intelligence (AI) research areas:</p> <ul style="list-style-type: none"> • Expert systems • Neural networks • Natural language processing • Fuzzy logic • Robotics 	<p>The following are some examples of Business Intelligence research areas:</p> <ul style="list-style-type: none"> • Data mining in social networks • Process analytics • Bigdata • Online Analytical Processing (OLAP)
12.	Algorithms	<p>The following are some examples of Artificial Intelligence (AI) Algorithms:</p> <ul style="list-style-type: none"> • Breadth-first search algorithm • Depth First Search Algorithm • Uniform Cost Search Algorithm • Travelling Salesman Problem 	<p>The following are some examples of Business Intelligence Algorithms:</p> <ul style="list-style-type: none"> • K-Means Algorithm • Naive Bayes • Apriori Algorithm • Decision Tree Algorithm • Generalized Linear models and others

S. No.	Factors	Artificial Intelligence	Business Intelligence
		<ul style="list-style-type: none"> Iterative Deepening Depth-first Search and others 	
13.	Type of analysis	Prescriptive analytics relies heavily on Artificial Intelligence (AI).	Business Intelligence (BI) can help with descriptive analytics.
14.	Usefulness	It lets organizations estimate and predict client demand, competitive positioning, and economic trends and builds human-like intelligence in machines.	It examines historical data and lets companies to make better data-driven decisions to enhance operational efficiency, customer satisfaction, and staff happiness.

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