

Two blue squares are positioned vertically on the right side of the slide, one above the other, partially overlapping the green header bar.

Data Science

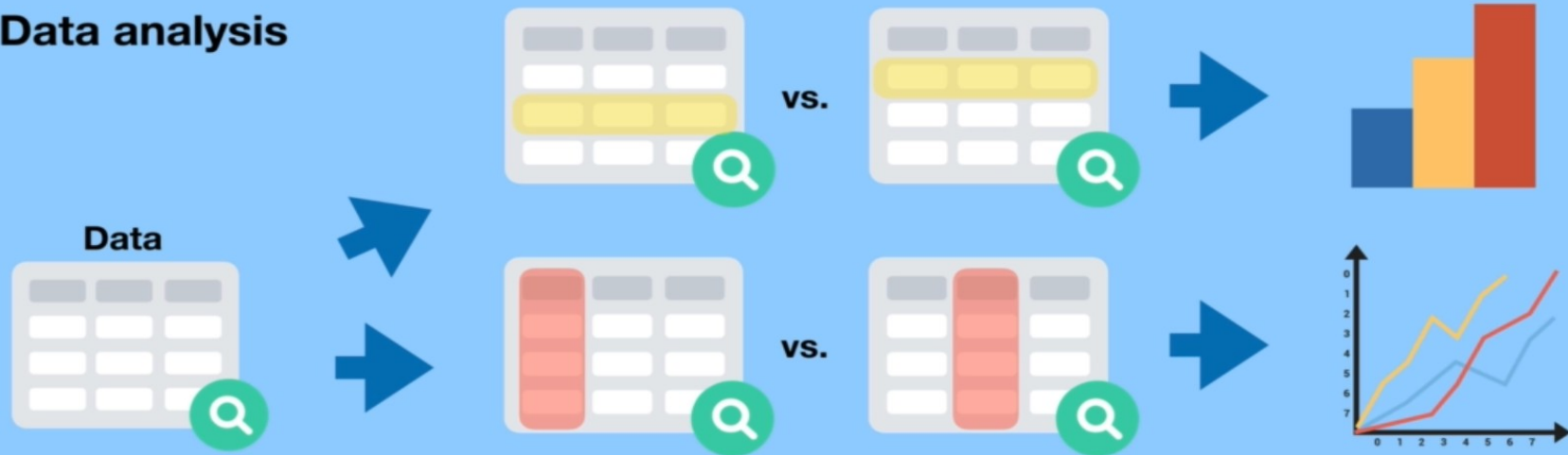
Introduction to Data Science

What is Data science

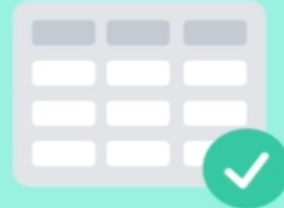
- **Data Science** is the deep study of a large quantity of data, which involves extracting some meaningful from the raw, structured, and unstructured data.
- Data science is a multi-disciplinary

Data science


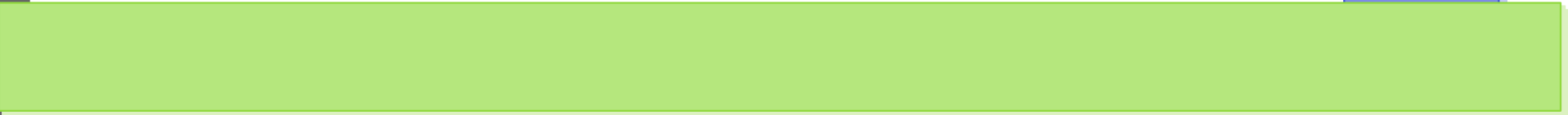
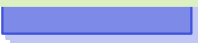
Data analysis

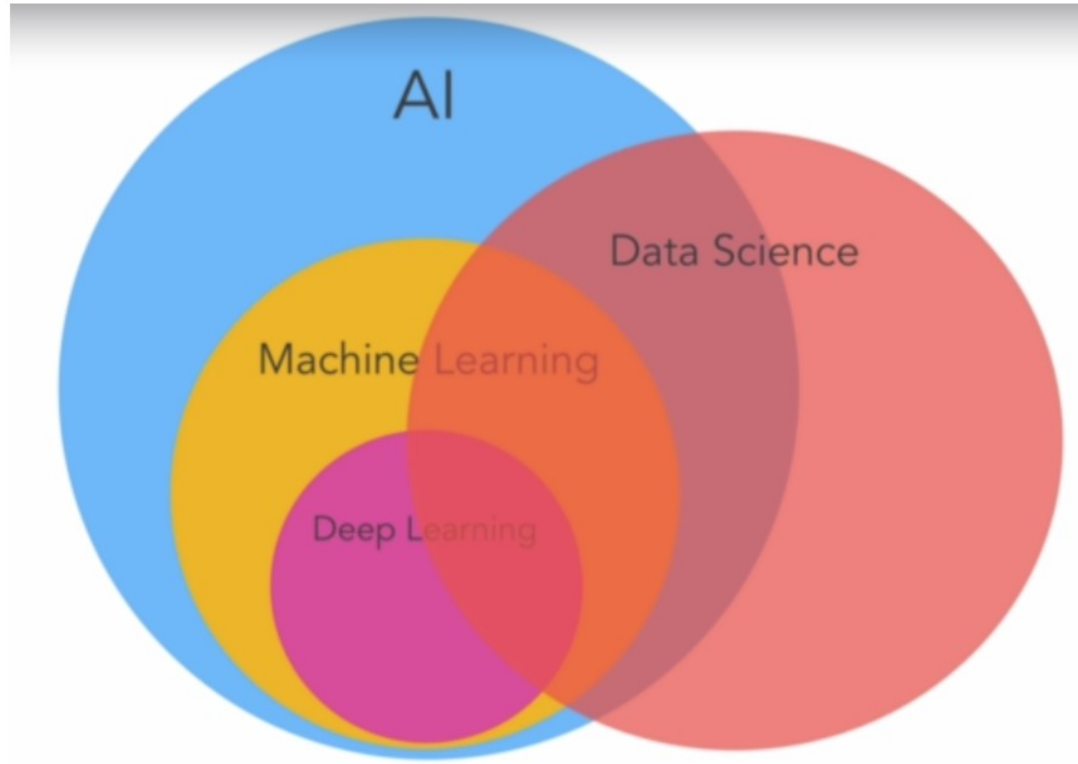


Machine learning



1. Cut vegetables
2. Season chicken
3. Preheat oven
4. Cook chicken for 30-minutes
5. Add vegetables

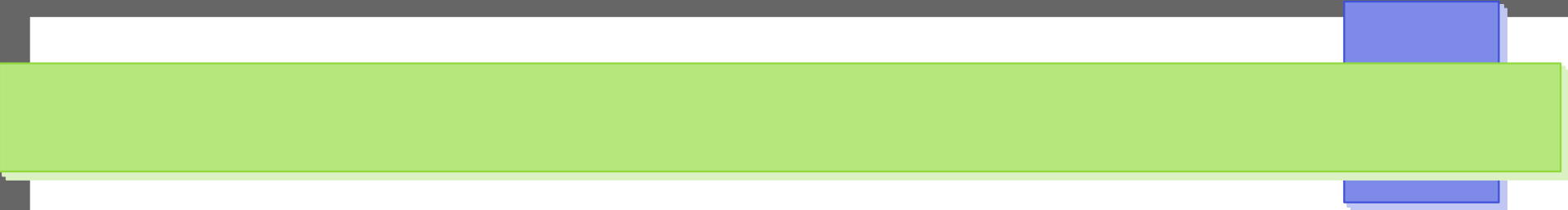
- 
- 
- 
- Data Science is also known as the Future of Artificial Intelligence

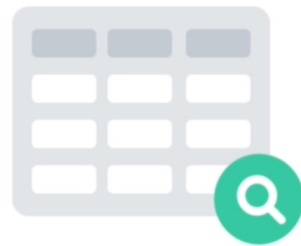


- 
- ML is predicting results based on incoming data

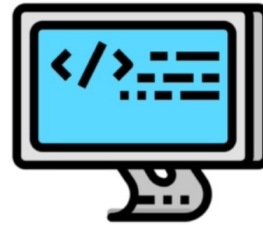
Data Analysis

- Data analysis is defined as a process of cleaning, transforming, and modeling data to discover useful information for decision-making.

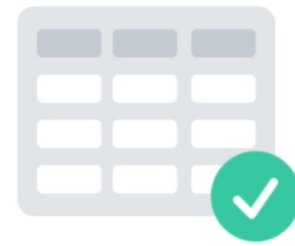
- 
- A thick green horizontal bar spans the top of the slide. To its right, there are two overlapping blue squares, one above the other.
- Data analytics focuses more on viewing the historical data in context while data science focuses more on machine learning and predictive modeling.



Data

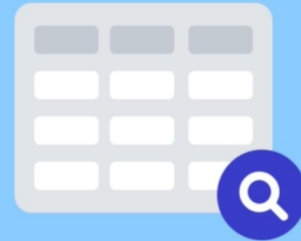


**Machine learning
algorithm**



Patterns

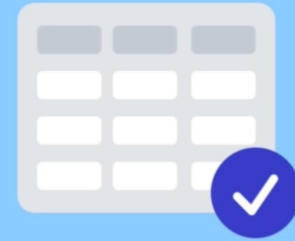
Future



New data



Same algorithm (model)



More patterns

Normal algorithm



1. Cut vegetables
2. Season chicken
3. Preheat oven
4. Cook chicken for 30-minutes
5. Add vegetables



Starts with

Makes

Machine learning
algorithm

Inputs



Output



1. Cut vegetables
2. Season chicken
3. Preheat oven
4. Cook chicken for 30-minutes
5. Add vegetables

Starts with

Figures out