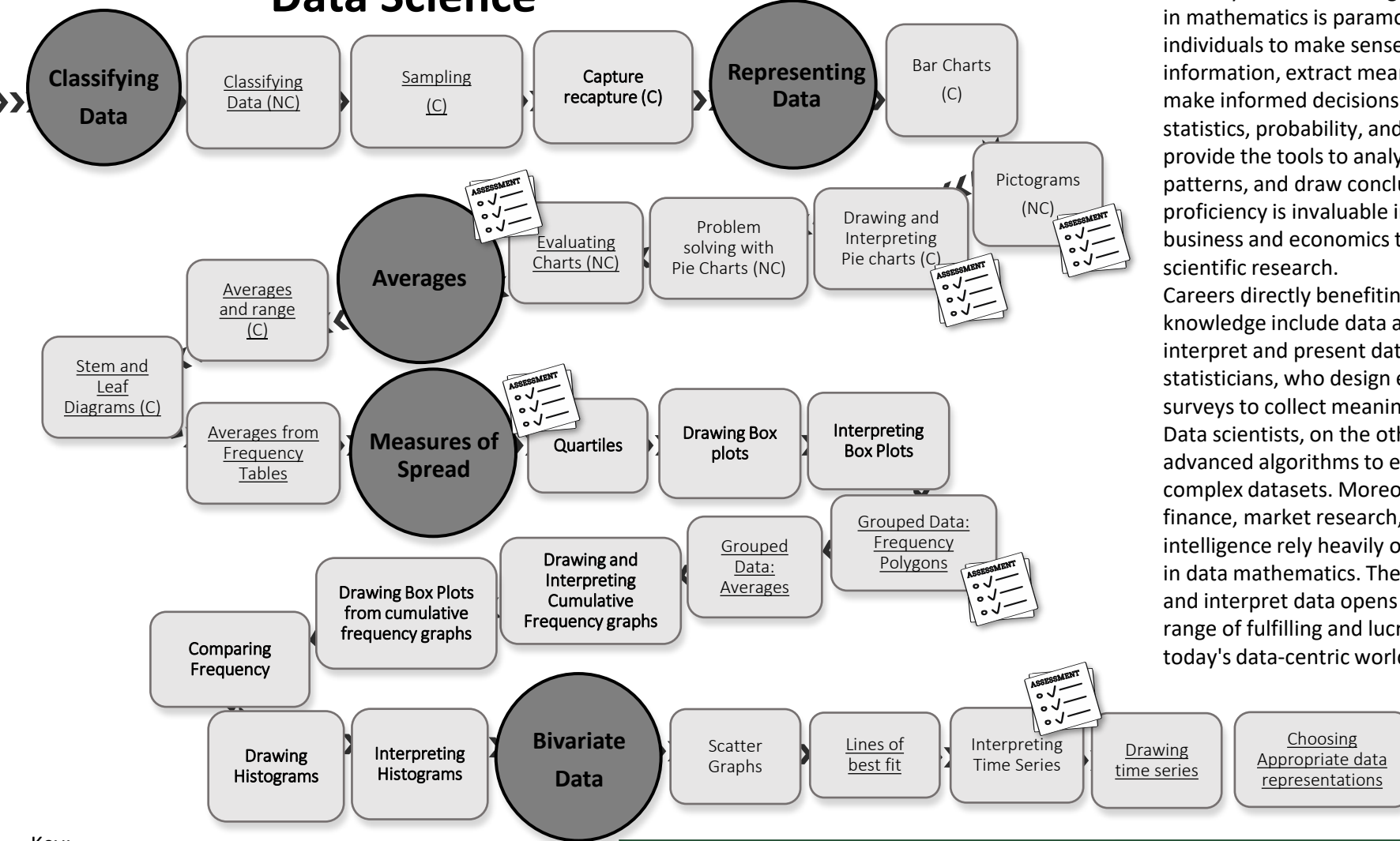




## Data Science



In today's information age, understanding data in mathematics is paramount. It enables individuals to make sense of vast quantities of information, extract meaningful insights, and make informed decisions. Concepts like statistics, probability, and data analysis provide the tools to analyse trends, identify patterns, and draw conclusions. This proficiency is invaluable in fields ranging from business and economics to healthcare and scientific research.

Careers directly benefiting from data math knowledge include data analysts, who interpret and present data for businesses, and statisticians, who design experiments and surveys to collect meaningful information. Data scientists, on the other hand, use advanced algorithms to extract insights from complex datasets. Moreover, careers in finance, market research, and artificial intelligence rely heavily on a solid foundation in data mathematics. The ability to manipulate and interpret data opens doors to a wide range of fulfilling and lucrative professions in today's data-centric world.

Key:  
Foundation  
Crossover  
Higher



### VOCABULARY

- ☐ Sample
- ☐ Bias
- ☐ Quantitative

- ☐ Qualitative
- ☐ Outlier

### TUDOR HABITS AND VALUES

In data science, curiosity fuels exploration, prompts insightful questions, and drives problem-solving. It empowers scientists to uncover hidden patterns, innovate solutions, and fosters continuous learning in this dynamic field