COMSATS UNIVERSITY ISLAMABAD

LEGENDS OF DATA SCIENCE

John W. Tukey (1915–2000)

Pioneer of Exploratory Data Analysis

John W. Tukey was a visionary statistician and data scientist known as the father of Exploratory Data Analysis (EDA). He developed the box plot, fast Fourier transform (FFT), and coined the term "bit." Tukey's innovative methods like the stem-and-leaf and robust statistical techniques helped lay the groundwork for modern data science by emphasizing understanding and visualizing data over blind application of models.

John F. Nash (1928–2015)

Foundations of Game Theory & Machine Learning

John F. Nash was a brilliant mathematician whose work on game theory transformed the field of economics and provided key insights into decision-making and strategy. His development of the Nash equilibrium revolutionized how we understand competitive behaviors. Nash's insights into non-cooperative games laid important foundations for machine learning and behavioral economics. He was awarded the Nobel Prize in Economics in 1994.

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