EVOLUTION OF DATA SCIENCE

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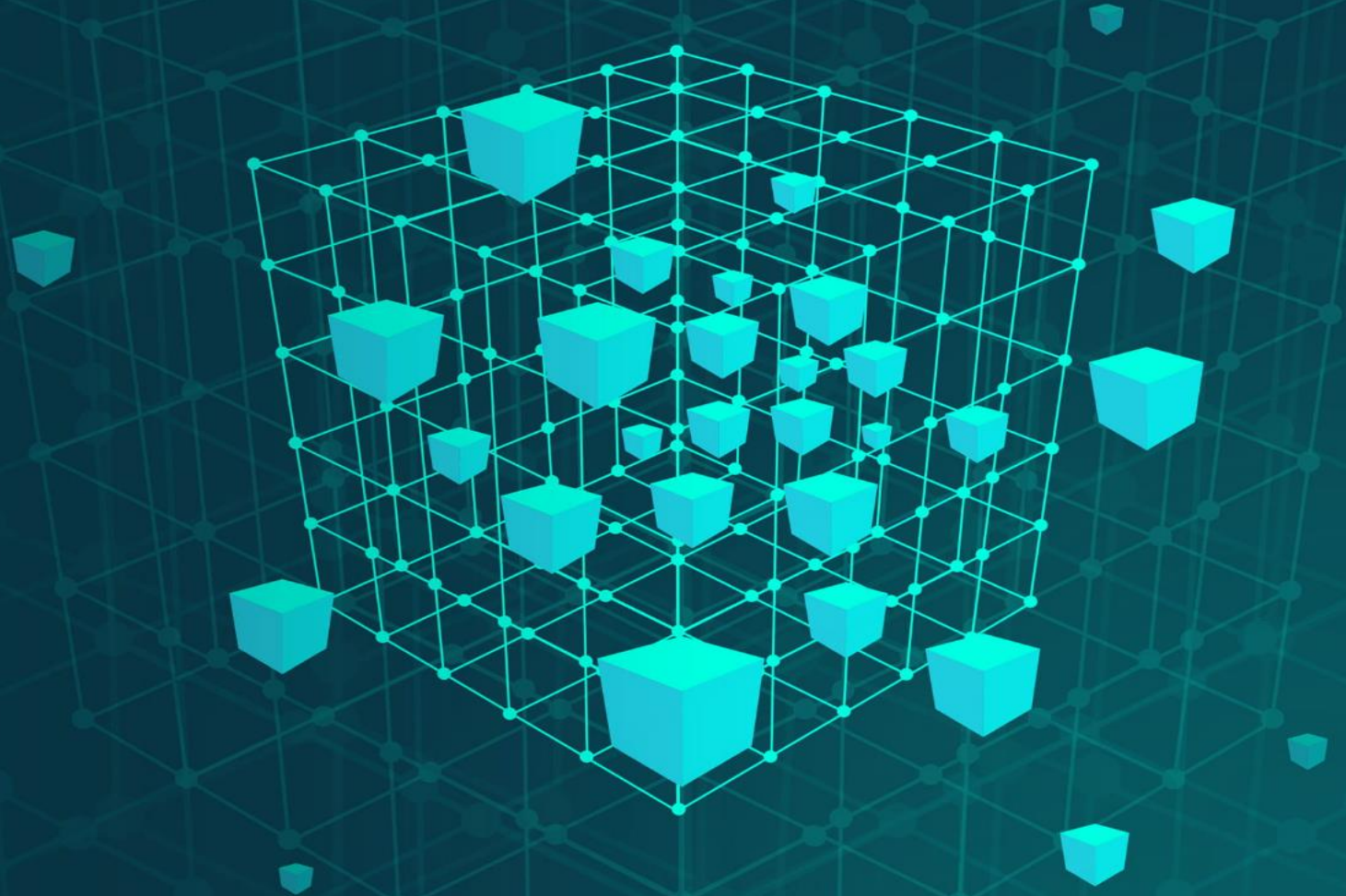
PRE-DIGITAL ERA

1962

John W. Tukey predicted the effect of modern-day electronic computing on data analysis as an empirical science

1974

Peter Naur published the Concise Survey of Computer Methods, which surveyed data processing methods across a wide variety of applications

1996

The term "data science" appeared for the first time at the International Federation of Classification Societies in Japan

1999

Jacob Zahavi brought up new requirement for new devices to deal with the enormous measures of data accessible to organizations

2001

Committee on Data for Science and Technology started distributing the Data Science Journal

DIGITAL ERA

Dr DJ Patil and Jeff Hammerbacher defined 'data science' as the emerging field of study that focused on teasing out the hidden value in the data

"The Age of Analytics" states many companies are struggling to develop data science talent

2006   **2008**   **2011**   **2016**   **2020**

Hadoop 0.1.0, an open source and non-relational database was released

Demands for Data Scientist expanded by 15,000% & Concept of Data Lakes was promoted by James Dixon.

Malaysia Digital Economy Corp (MDEC) targets to have 20,000 big data professionals

REFERENCES

- https://datasciencedegree.wisconsin.edu/blog/history-of-data-science/

- https://dataconomy.com/2016/03/beginners-guide-history-data-science/

- https://databasetown.com/a-brief-history-of-data-science/

- https://towardsdatascience.com/building-data-science-capabilities-means-playing-the-long-game-f68166ecf2f