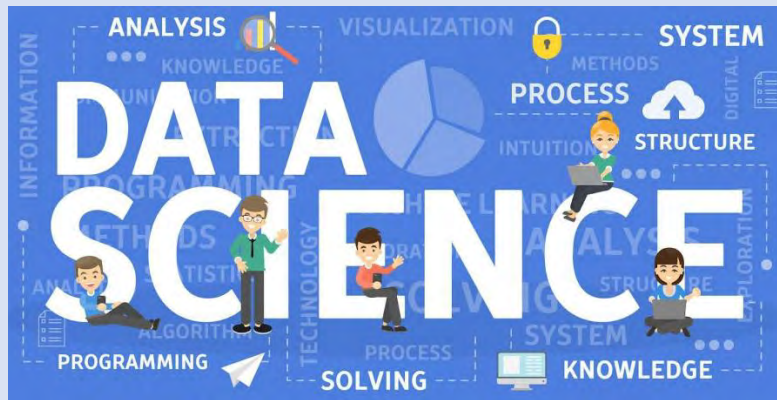




# National Public School, Kengeri, Bengaluru

## REPORT ON DATA SCIENCE WORKSHOP



Data science is a field that uses Statistics, Computer Science, and other disciplines to analyse data and gain insights. It can help businesses make decisions, improve efficiency, and personalize experiences. On March 6, 2025, the students of Grade 8- Ishaan, Manasvi, Saranya, Samana, and Avani, successfully hosted a Data Science Workshop. The session commenced with an introduction to data science, followed by an overview of careers in the field.

Ishaan delivered an engaging presentation on data categorization, illustrating his points with a real-world example of Cristiano Ronaldo's use of a Whoop band to track his daily activities. Saranya and Manasvi provided insight into the fundamental concepts, tools, and techniques in data science. They also discussed common careers in the field, highlighting the various types of questions that data science can answer using different algorithms. Samana and Avani focused on data visualization, demonstrating how data can be presented in a clear and meaningful manner using various charts and algorithms, such as bar charts, pie charts, and histograms.

The Head of the Department of Computer Science offered valuable insights and practical tips on integrating data science into academic studies. Furthermore, the department head recommended incorporating data science into the school's curriculum, emphasizing its significance in enhancing student's analytical and problem-solving skills.

The discussion also touched on the various career paths available in data science and how students can pursue these opportunities after completing their secondary education. The insightful workshop concluded with a Q & A session.