

Data Science: Exploring Techniques, Applications and Transformative Potential

Prof. Palak Agarwat, Dr. Sharad Nimavat, Rishi Gyanchandra Yadav

Asst. Professor and Research Scholar

St. Rock's College of Commerce and Science, Borivali (W), Mumbai, India

Abstract: *The abstract highlights the significant role of data science in healthcare, showcasing how it uses big data, data mining, and predictive analytics to improve patient care and operational efficiency. By analyzing vast datasets, data science enables early disease detection, personalized treatment plans, and optimized resource allocation. It also accelerates medical advancements in areas like drug discovery and genomics research. In essence, data science empowers the healthcare industry to make data-driven decisions that save lives and enhance healthcare delivery.*

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