

In Mathematics, a **differential equation** is an equation that contains one or more functions with its derivatives. The derivatives of the function define the rate of change of a function at a point.

Different point of Angle.

Experienced Data Scientist and Mentor proficient in Machine Learning, NLP, Computer Vision, and GenAI with 3 years of hands-on experience. Led teams of Junior Data Scientists and Analysts, guiding them to achieve outstanding results. Known for leveraging data-driven insights to solve complex problems, I combine technical expertise and leadership to drive impactful solutions. Seeking dynamic and challenging opportunities to contribute skills and knowledge.

Query: Quick Activity Suppose we want to predict whether a person will purchase a certain car or not What numerical data might be relevant for making this prediction? What additional qualitative or categorical data might be relevant?

No matching results found.

A differential equation is an equation that contains at least one **derivative** of an unknown function, either an ordinary derivative or a partial derivative. Suppose the rate of change of a function y with respect to x is inversely proportional to y , we express it as $dy/dx = k/y$.

Query: What additional qualitative or categorical data might be relevant? How might you handle variables like marital status, education level, or gender? Logistic regression-1 2

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