Data Science Application Domains Lesson Glossary

Welcome! This alphabetized glossary contains many of the terms in this course. These terms are important for you to recognize when working in the industry, participating in user groups, and participating in other certificate programs.

Term	Definition	Video where the term is introduced
Arithmetic Models	Data science often uses Mathematical models to analyze data and predict outcomes.	Old problems, new data science solutions
Case study	In-depth analysis of an instance of a chosen subject to draw insights that inform theory, practice, or decision-making.	Old problems, new data science solutions
Data mining	Extracting information from raw data, such as making decisions, predicting trends, or understanding phenomena.	How Data Science is Saving Lives
Data Science	The field involves collecting, analyzing, and interpreting data to extract valuable insights and make informed decisions.	Old problems, new data science solutions
Data Strategy	A plan that outlines how an organization will collect, manage, and use data to achieve its goals.	Old problems, new data science solutions
Predictive analytics	Using data, algorithms, models, and machine learning to make predictions.	How Data Science is Saving Lives

Skills Network