

Roles & Responsibilities of a Data Team

					
Decision Maker	Domain Expert	Data Analyst	Data Engineer	ML Engineer	Evaluation Engineer
<p>Set business objectives and success metrics</p> <p>Approve project progression through milestones</p> <p>Bridge technical and business perspectives</p>	<p>Provide in-depth understanding of problem space</p> <p>Ensure solutions meet real-world needs</p> <p>Assist with interpreting and applying results</p>	<p>Perform exploratory data analysis to derive insights</p> <p>Communicate trends through statistical summaries and visualizations</p> <p>Skills in programming, statistics, data wrangling</p>	<p>Build and maintain data infrastructure and pipelines</p> <p>Extract, transform, load data from diverse sources</p> <p>Expertise in databases, distributed systems, ETL</p>	<p>Select, train, evaluate, and tune machine learning models</p> <p>Specialized knowledge in ML theory and algorithms</p> <p>Leverage math, stats, and software engineering skills</p>	<p>Design model performance tests aligned to success metrics</p> <p>Monitor production systems for drift, degradation, and bias</p> <p>Focus on model reliability, accuracy, and compliance</p>

WHAT IS A DEVELOPMENT FRAMEWORK GOOD FOR?

Cross Industry Standard Process for Data Mining (CRISP-DM)

Structured Approach	Collaboration	Iteration	Predictability	Flexibility	Focus
Defines a clear, methodical sequence of steps to guide the end-to-end data value creation.	Clearly defines roles & responsibility to coordinate work across teams with diverse skills.	Allows folding back to previous steps when needed to refine the solution.	Following consistent standard methodology improves predictability.	The methodology can be tailored to fit different project needs and constraints.	Business goals anchor the process to ensure work stays aligned with delivering value.

CRISP-DM

"THE PROCESS"

