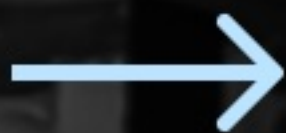# How to set up a perfect AI team

SWIPE TO READ →

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Assembling an A-Team for AI ⚡

Assembling an AI team with the right combination of skill sets is crucial for project success. However, building such an A-team with the right mix of roles can be tough and time-consuming

Organizations tend to be very selective when outsourcing or building internal AI teams due to the experimental nature of data science roles. For instance, different projects may require a differently structured AI team to deliver a project.

Swipe to read more about the roles that make up a great AI team.

Data Scientist

A data scientist's role involves handling and analyzing data using data-driven methodologies. Once they can make sense of the data, they bridge the business gaps by communicating it to the IT teams and understanding the patterns and trends through visualizations. The role mainly focuses on the following:

- Find the patterns and trends in the data relevant to solving this business problem.

- Designs and develops model architectures from the ground up

- Creates data management and governance frameworks

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ML Engineer

ML engineers focus on creating data and ML pipelines which are used to continuously deploy and retrain the models created by data scientists in production.

- Deploy models to production & monitor their performance, maintenance, and debugging.

- A/B testing of candidate models.

- Performance testing of different configurations

- Maintaining model versions, experiments and metadata.

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Data Engineer

Data engineers build the infastructure necessary to deploy and maintain scalable data pipelines, data storage and retrieval mechanisms.
In addition to making sure large volume data processing operations happens in the most optimal ways possible.

- Building data pipelines, architectures and infrastructure, and internal tools to optimize data engineering workflows.

- Cleaning and processing datasets for data science modeling, and aggregating datasets for defined use cases.

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Research Scientist
(optional)

These individuals are experts in ML, applied statistics, and computational mathematics, including areas like deep learning, graphical models, reinforcement learning, computer perception, and NLP. The role focuses on the following:

- Conducting research, building initial ML models and conducting systematic experiments across them and hyperparameter combinations.

- Evangelize applying state of the art research concepts and models in production

Product Owner

The product owner tackles customer requirements and helps the team with setting a clear product vision. However, a role of a product owner can also be undertaken by a lead data scientist. No matter who drives the product development roadmap, solid understanding of the project goals and scope is critical.

- Architects the solution roadmap and provides clarity

- Defines the right metrics and KPIs to evaluate project success.

- Effectively communicates with customers to convey and breakdown requirements

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Ready to set up your AI team up for succes?

hello@rootcode.ai