Lack of training data for physical robots

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OUTLINE WHAT WE'LL TALK ABOUT TODAY

Problem framing
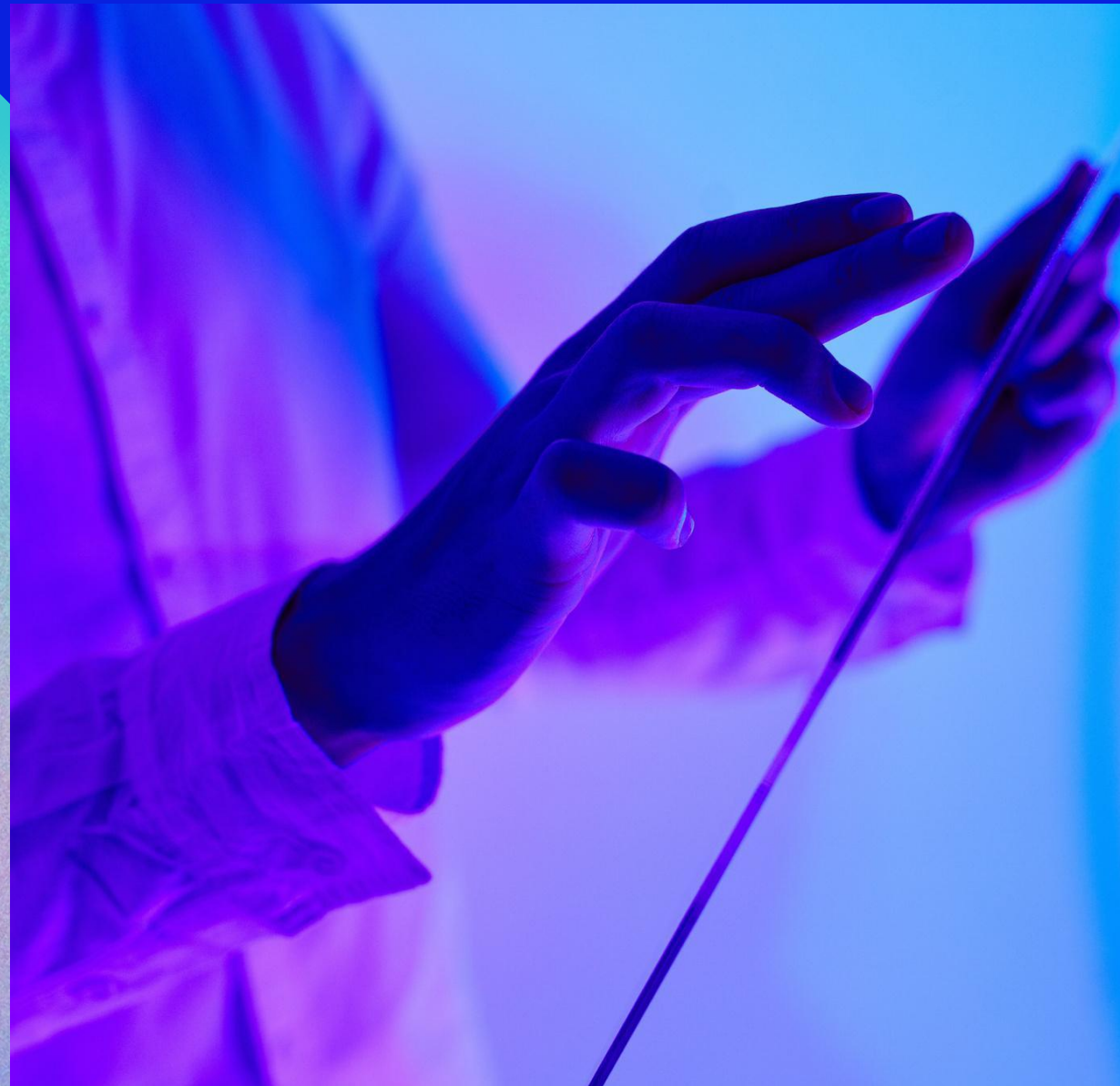Explaining the problem

Learning plan
Plan to learn about the problem space

Teamwork
Strategies to work effectively

Problem Framing

Need for data — Robots need data to learn physical tasks, like folding laundry or agricultural work

Lack of data — Big players in industry are struggling to get that data resorting to simulations or online data

Challenge — Robots can learn well through simulations but struggle to apply the skills to real-world tasks

Learning plan

Experts

Talk to experts in robotics and AI to understand limitations.

Observation

Observing real-word robot training in labs or companies.

Research

Reviewing existing research and case studies on the topic.

Market segment

Narrow down the market based on scope of the problem.

Teamwork

Task assignment

Dividing tasks so that each member knows what they're responsible for.

Regular meetings

Weekly check-ins to stay in agreement, sharing updates and concerns.

Project management

Using project management tools to stay organized and track progress.

Autonomy

Focusing on building an autonomous team by promoting innovation and experimentation.

Thank you

Any questions?