**Why machine learning?**

Solve complex problems: A powerful tool for complex problems, e.g. Natural Language Processing (NLP), Computer Vision (CV).

Automate tasks and optimize solutions: With machine learning, many tasks can be automated, and optimized solutions can be found. This saves time and resources and increases efficiency.

Deliver a personalized experience: Machine learning provides a personalized experience to customers based on user usage data. For example, personalized recommendations, advertising targeting, etc.

Predict the probability of an event: By calculating the probability of future events, Machine learning provides guidance for business decisions and daily life. Such as the application of machine learning in weather forecasting, business analysis, and other fields.

**The development of machine learning/A Bit of History**

Symbolic era（1950s -- early 1960s）

Connectionist era (1980s -- 1990s)

Statistical learning era (1990s -- early 2000s)

Deep learning era (recent years)

日程表

描述已自动生成

https://web.pdx.edu/~arhodes/CV\_MOT.pd