

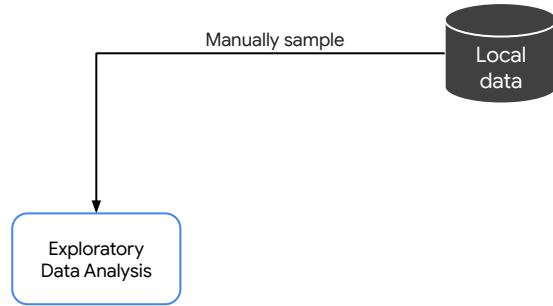
MLOps: A Use Case Overview

Building integrated ML pipelines

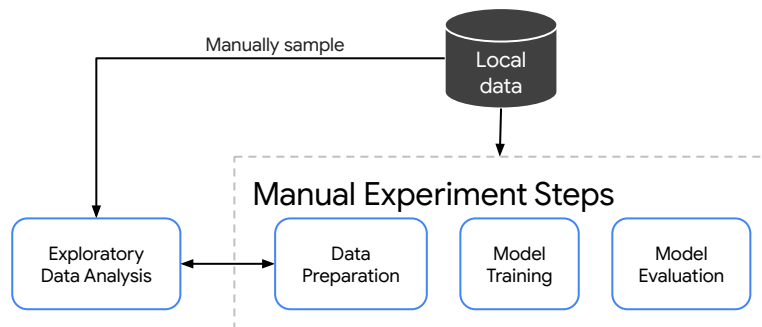


Dr Lara Suzuki
Google

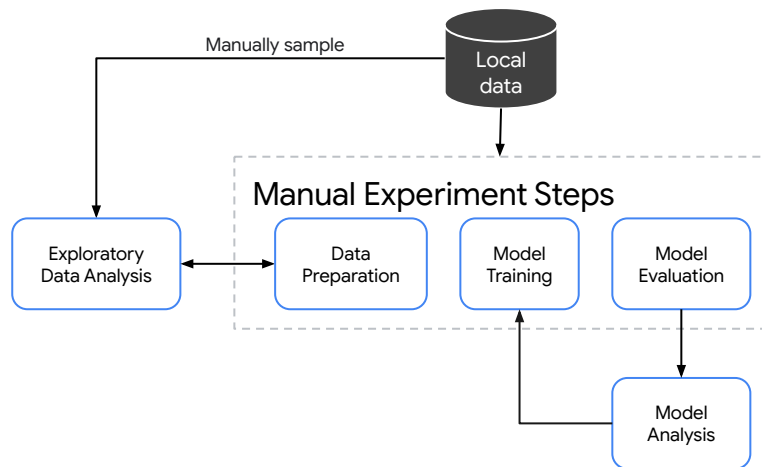
Traditional, manual, and linear **ML Process**



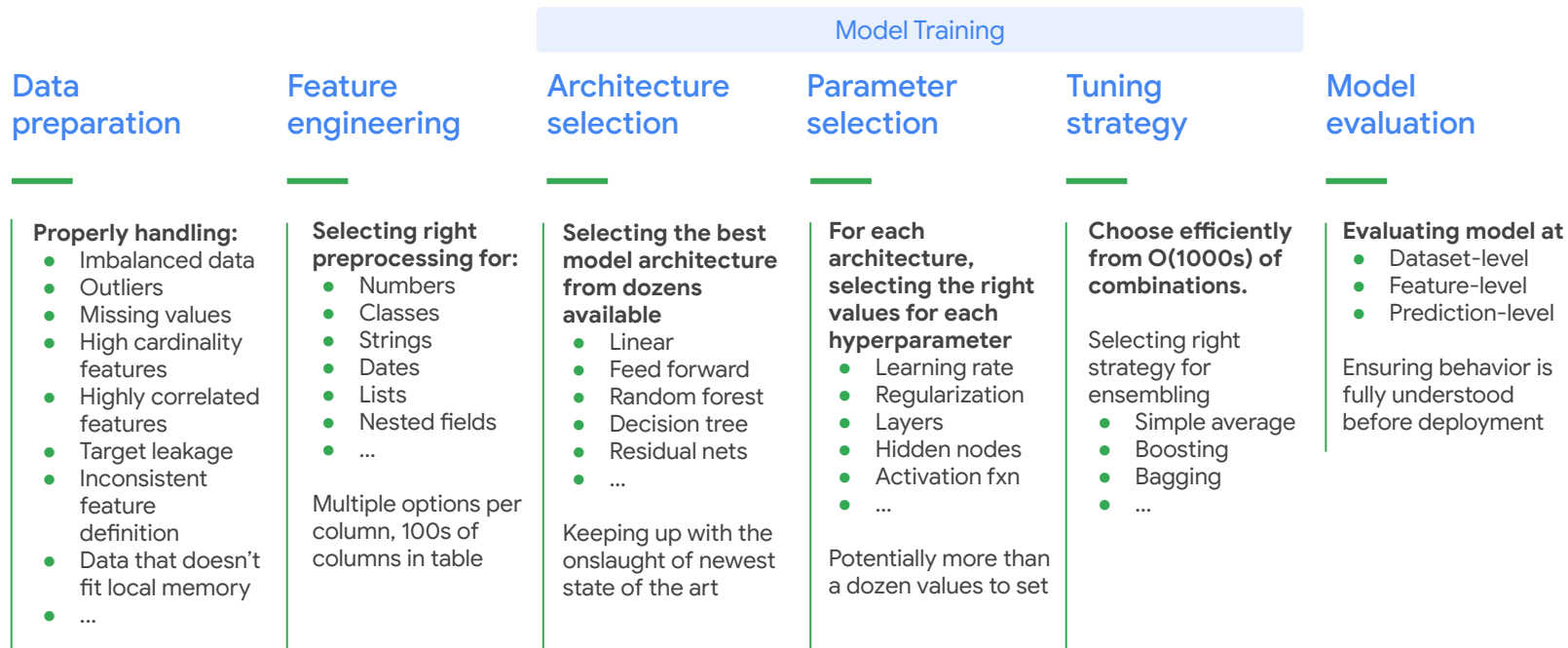
Traditional, manual, and linear ML Process



Traditional, manual, and linear ML Process

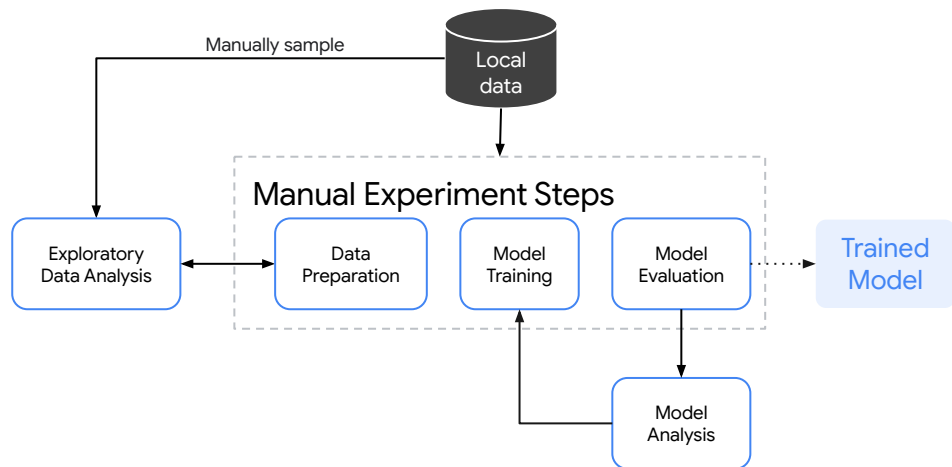


Explosion of things to worry about

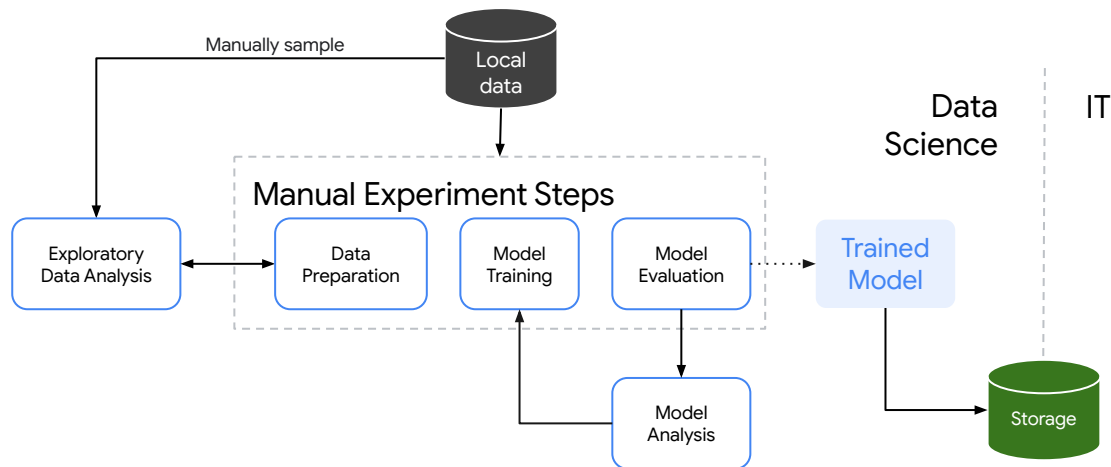


← Rinse & **repeat** up to 10s of times per use case →

Traditional, manual, and linear ML Process



Traditional, manual, and linear ML Process



The never ending hand-overs

The MLOps Personas



ML
Engineer



ML
Researcher



Data
Scientist



Data
Engineer



Software
Engineer

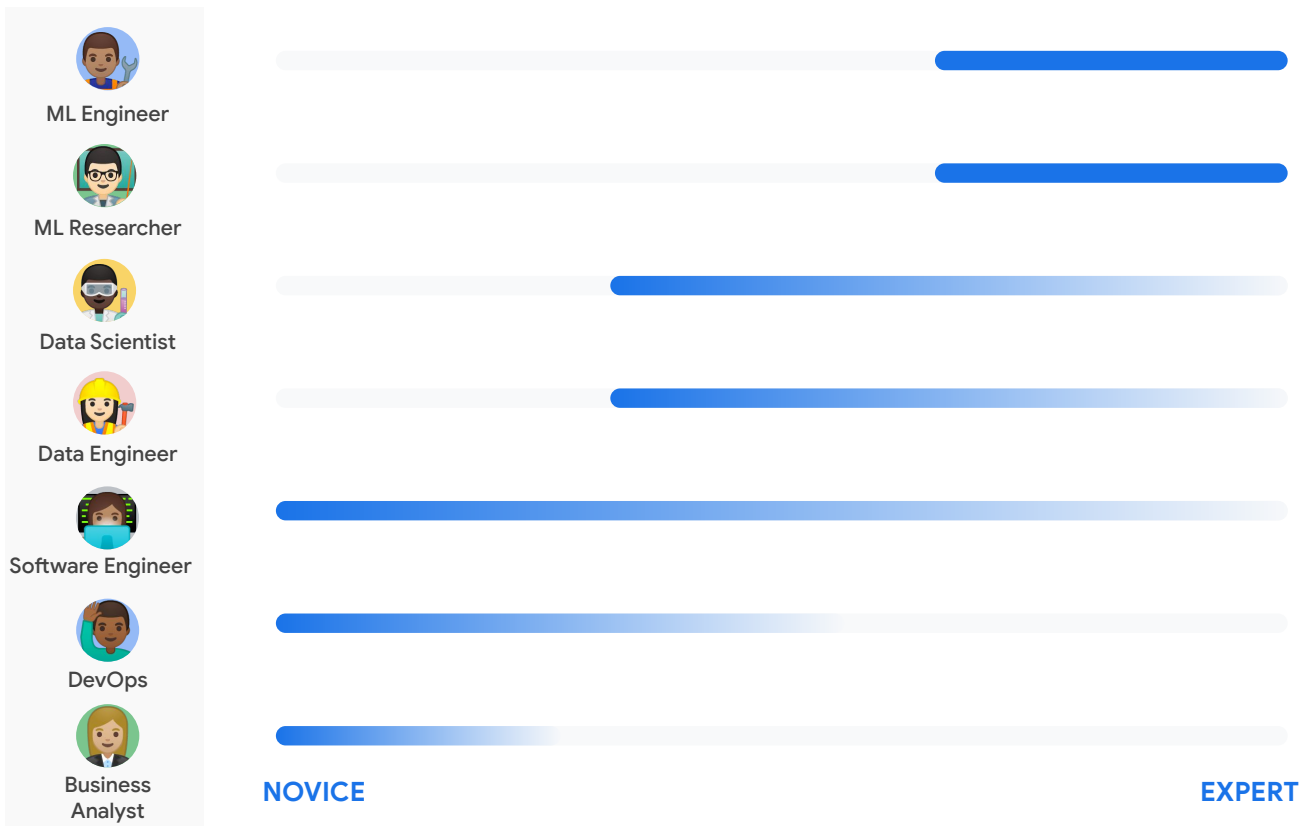


DevOps



Business
Analyst

ML Expertise



ML Expertise



Deployment Expertise



ML Engineer



ML Researcher



Data Scientist



Data Engineer



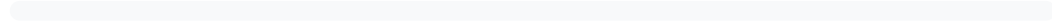
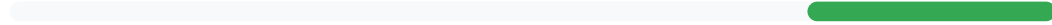
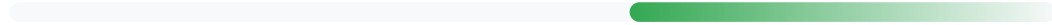
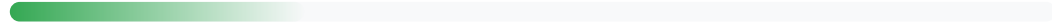
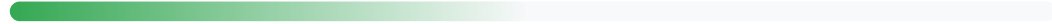
Software Engineer



DevOps



Business Analyst



NOVICE

EXPERT

Deployment Expertise



ML Researcher



DevOps



*Builds a powerful
custom model*



*Hands off for
deployment and
maintenance*

NOVICE

EXPERT

Traditional, manual, and linear ML Process

