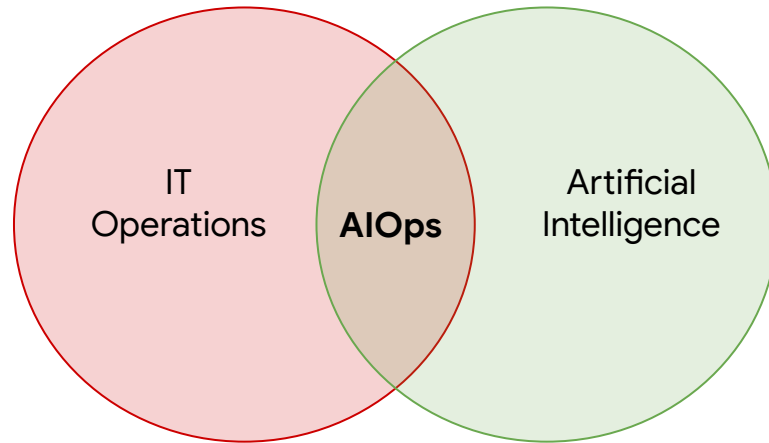# What is AIOps, DevOps, and MLOps

A short introduction
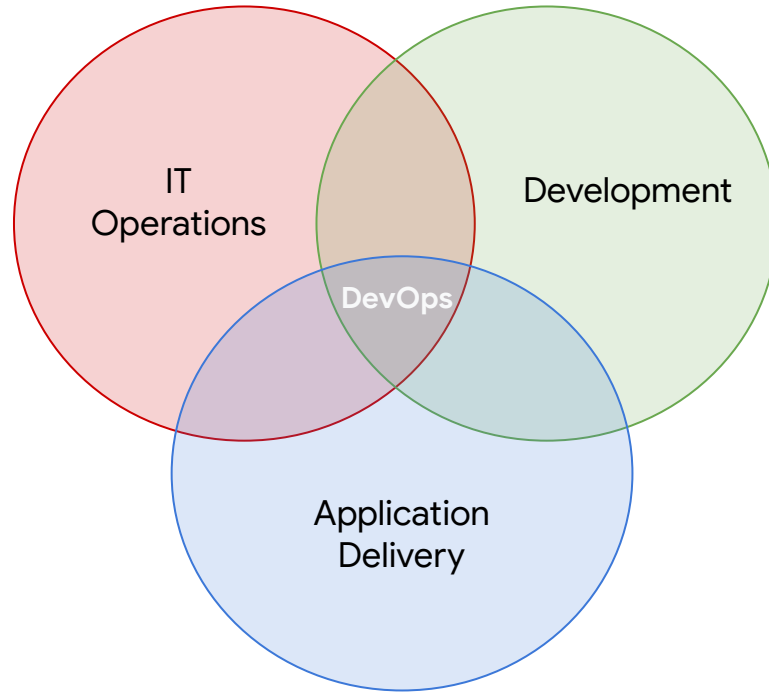
Dr Lara Suzuki
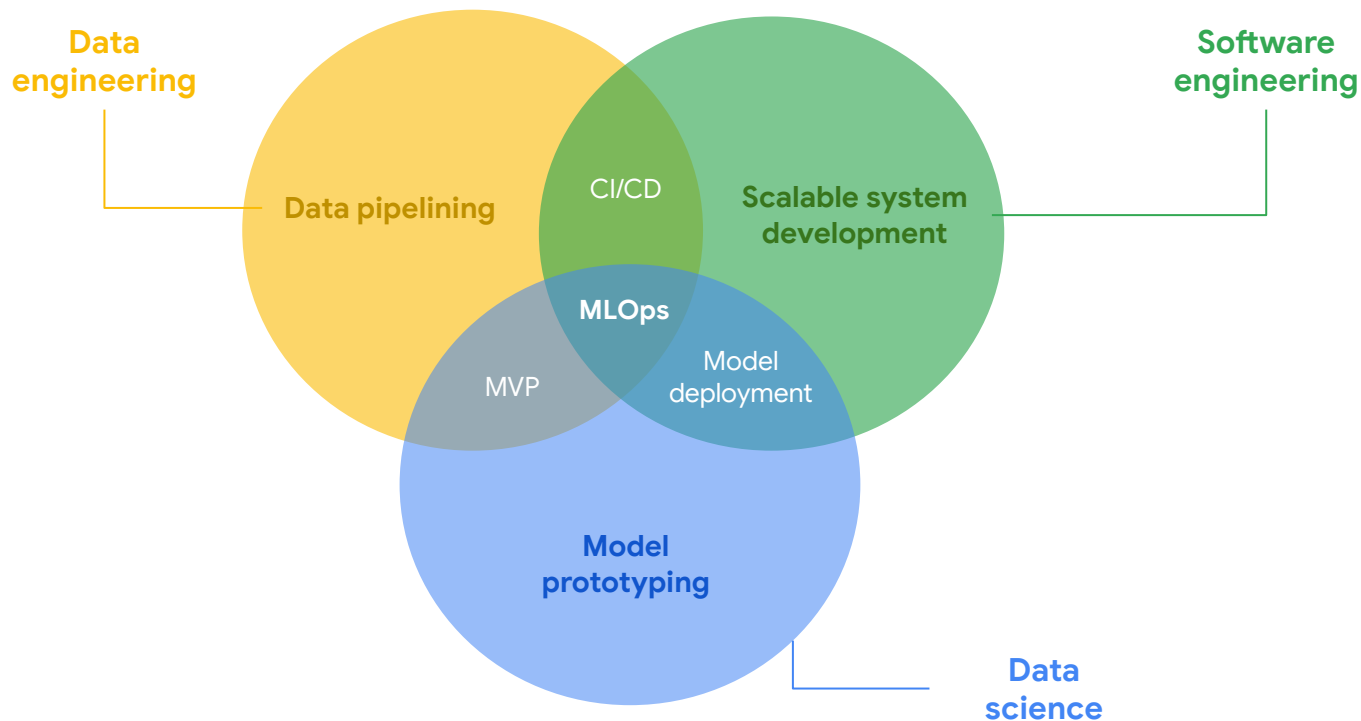Google

The **AIOps** Process

The **DevOps** Process

The **MLOps** Process

MLOps Personas

The MLOps **Personas**

ML
Engineer

ML
Researcher

Data
Scientist
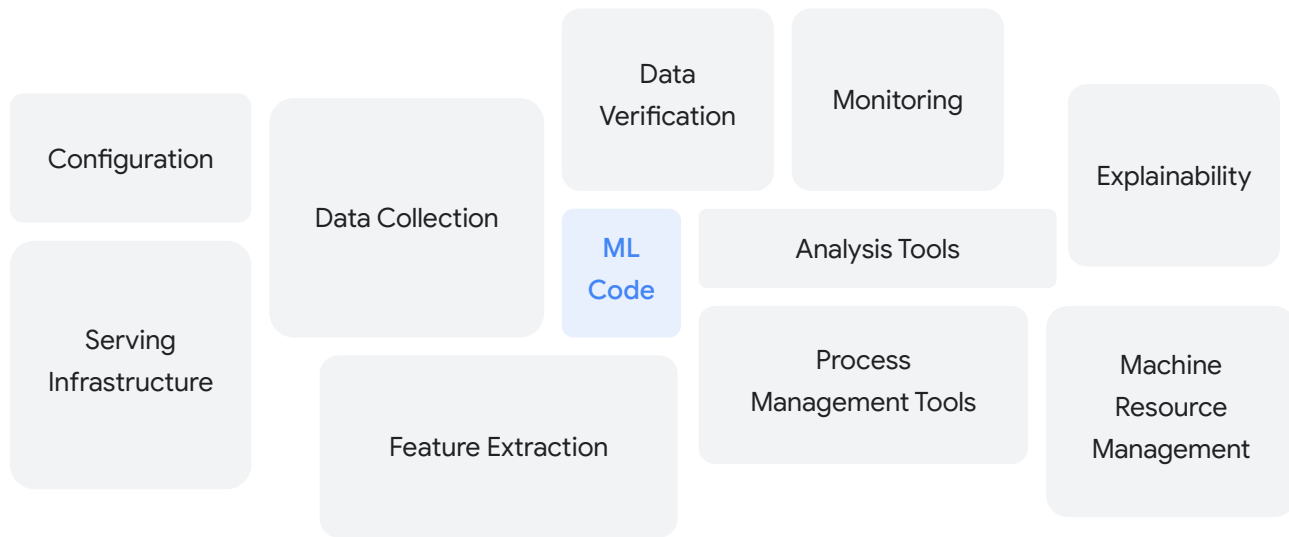
Data
Engineer

Software
Engineer

DevOps

Business
Analyst

Why is MLOps Important?

Why MLOps is Important?

ML
Code

Hidden Technical Debt in Machine Learning Systems, NeurIPS 2015

Why MLOps is Important?

Configuration

Data Collection

Data Verification

Monitoring

Explainability

Serving Infrastructure

ML Code

Analysis Tools

Feature Extraction

Process Management Tools

Machine Resource Management

The MLOps Capabilities

Continuous
Integration

Continuous
Delivery

Continuous
Training