

# Questions and answers

## What are the Data ops?

DataOps is a set of practices, processes and technologies that combines an integrated and process-oriented perspective on data with automation and methods from agile software engineering to improve quality, speed, and collaboration and promote a culture of continuous improvement in the area of data analytics.

DataOps incorporates the Agile methodology to shorten the cycle time of analytics development in alignment with business goals.

DevOps focuses on continuous delivery by leveraging on-demand IT resources and by automating test and deployment of software.

DataOps is not tied to a particular technology, architecture, tool, language or framework. Tools that support DataOps promote collaboration, orchestration, quality, security, access and ease of use.

## What is the difference between Dataops and Devops?

DevOps is the transformation in the delivery capability of development and software teams whereas DataOps focuses much on the transforming intelligence systems and analytic models by data analysts and data engineers.

## What is the use of integration in AI?

Making individual software components, such as speech synthesizers, interoperable with other components, such as common-sense knowledge bases.

## What is the difference between Integration and Deployment?

The main difference lies in that deployment is done automatically instead of manually whilst Integration is used manually.

## What is the best in terms of performance Integration or Deployment?

I think the best use is deployment because it is done automatically instead of manually.

## What are Mentoring tools?

1. Anodot
2. KFServing
3. Pachyderm
4. Fiddler
5. Seldon Core
6. Flyte

# Resources

1. <https://en.wikipedia.org/wiki/DataOps>
2. <https://www.sprinkledata.com/blogs/devops-vs-dataops>
3. [https://en.wikipedia.org/wiki/Artificial\\_intelligence\\_systems\\_integration](https://en.wikipedia.org/wiki/Artificial_intelligence_systems_integration)
4. [https://www.cygrp.com/integration-vs-deployment-key-differences-between-ci-and-cd/?fbclid=IwAR0kGENV5WubQ4PhZu2KPG\\_L5hpg4HVJggH50Mpx1Htsa-ZL\\_XRZq4Y0X8](https://www.cygrp.com/integration-vs-deployment-key-differences-between-ci-and-cd/?fbclid=IwAR0kGENV5WubQ4PhZu2KPG_L5hpg4HVJggH50Mpx1Htsa-ZL_XRZq4Y0X8)