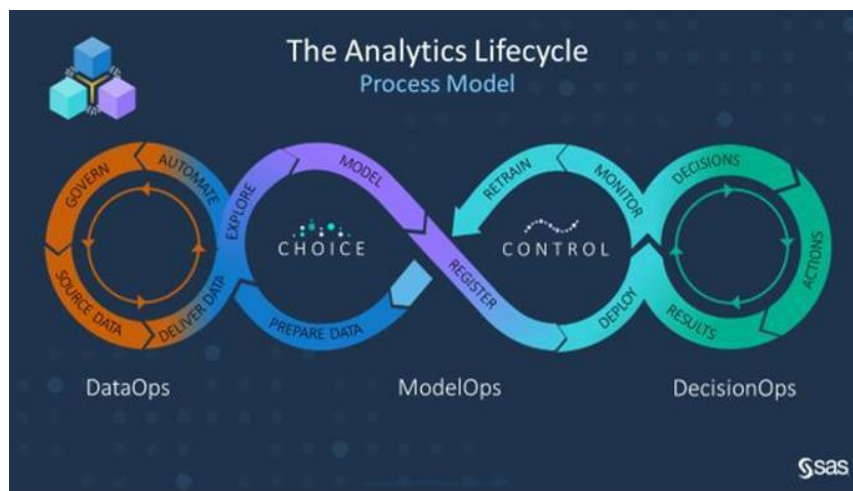


Task (1)

Dataops ,devops tools , devops companies

Dataops

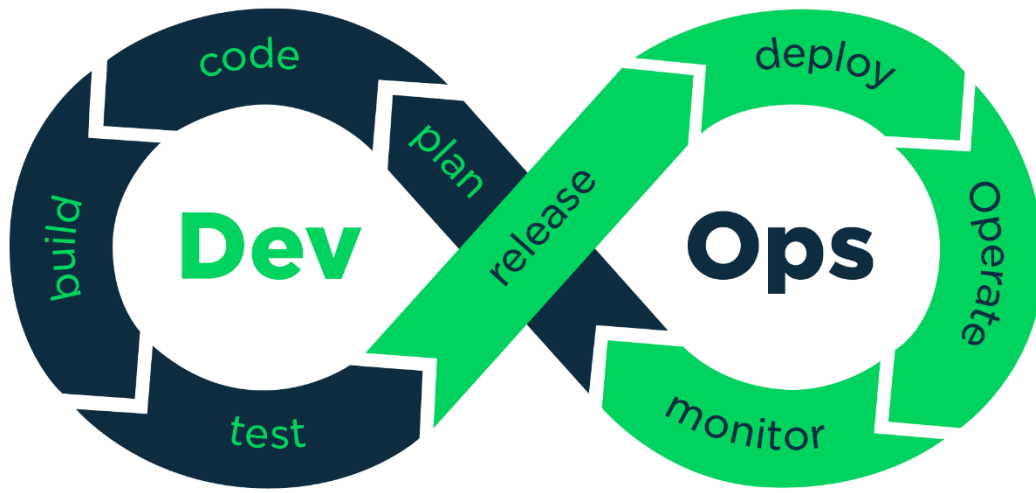
- Dataops stands for (Data Operations)
- Dataops is an approach for designing and implementing and maintaining the data.
- There is a lot of similarity between dataops and devops that I will discuss later on .



Devops

- devops stands for development operations .
- devops is some defined steps that we take to produce a software .
- these steps are as follows :

- 1- planning : this is the step where we sit down and think what do we need to do in order to produce our product , what are the capabilities that we need in order to achieve our goal , what kind of fund do we need , what kind of expertise do we need and so on .
- 2- design : is the step where we know what we need but we now think how we can implement it .
- 3- coding : is the step of creating our product “software”.
- 4- Integration : is the process of conjoining different pieces of code that we created.
- 5- Testing : in this process we make sure that everything is working properly .
- 6- Deploy : in this stage we create our final project in its final form without releasing it to the public “beta version” and we make sure everything works as it supposed to and we monitor it for a while to make sure that there are no errors occur during the final release .
- 7- Release : the release of the product to the public .
- 8- Monitor : this is an important stage where we monitor the software after the release to know some information such as how users interact with it ,what they like and dislike what can we improve and so on .



Devops Tools

1- Slack



slack

Companies that uses slack :

- Airbnb.
- Pinterest.
- Shopify.
- Slack.
- Instacart.
- Robinhood.
- Lyft.
- StackShare.

2- Jenkins



Companies that uses Jenkins :

- 4Linux.
- Alcatel-Lucent.
- Amadeus.
- Atmel.
- Avid.
- Basis Tecnologia da Informação S.A.
- BCZ.com.
- Bigpoint.

3- Phantom



Companies that uses splunk phantom :

- Qualcomm.
- J.P. Morgan
- Webster Bank