



FEATURE STORE SUMMIT

12-13 OCTOBER | 08:30 AM - 4:00 PM PT

ORGANIZED BY HOPSWORKS

Speakers Session



Cezar Steinz
Manager of MLOps
Via
Oct 13 2:30pm - 3:00pm
Panel time 3:25pm

Feature Store at Via: Implementation, Difficulties and ROI

What kind of AI/ML problem Via Faces

Model development time

Complex queries while developing ABT's

Duplicate pipelines

Data quality

Data governance

Features reusability

How Feature Store can help solve this problems

Enable re-use created features

Simplify the creation of queries

Removing the creation of duplicated pipeline

Force a previous data quality

Show where, how, and what

Enable to use all features from other projects in your new model

Steps of Building or introducing a Feature Store in the ML pipelines

Culture change, MLOps engineer is a part do model development

MLOPs Engineer will help on the definition of standards of queries that will enter in Feature Store

So when the Data Scientist finish their ABT's, they are in the right path to enter in Feature Store

How Feature Store can reorganize teams to productionize ML

Enable an entire vision of project

Enable the cross features use

Avoid duplicated features

Simplify the deploy process

Avoid duplicated pipelines

Roi of Feature Store



Considering the period of one year of feature store use, we have the following scenario:

$$(35 \text{ DS}) * (0.30\% \text{ FS Productivity}) = \$ 1.2\text{m}$$

$$(40 \text{ BA}) * (0.30\% \text{ FS Productivity}) = \$ 1.6\text{m}$$

Costs for Feature Store Implementation:

Cluster size
Time of usage



Thank you!

Do you have any questions?

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