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# Course 2 Optional References

## Machine Learning Data Lifecycle in Production

This is a compilation of resources including URLs and papers appearing in lecture videos. If you wish to dive more deeply into the topics covered this week, feel free to check out these optional references.

### Overall resources:

Konstantinos, Katsiapis, Karmarkar, A., Altay, A., Zaks, A., Polyzotis, N., ... Li, Z. (2020). Towards ML Engineering: A brief history of TensorFlow Extended (TFX). <http://arxiv.org/abs/2010.02013> ↗

Paley, A., Urma, R.-G., & Lawrence, N. D. (2020). Challenges in deploying machine learning: A survey of case studies. <http://arxiv.org/abs/2011.09926> ↗

## Week 1: Collecting, Labeling and Validating Data

ML code fraction:

[MLops](#) ↗

[Data 1st class citizen](#) ↗

[Runners app](#) ↗

[Rules of ML](#) ↗

[Bias in datasets](#) ↗

[Logstash](#) ↗

[Fluentd](#) ↗

[Google Cloud Logging](#) ↗

[AWS ElasticSearch](#) ↗