

# **Spotify Visit**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Infrastructure, Kubernetes and Cloud Native

*Thursday 3 June 2021 10:00 (1 hour)*

Some ideas of things to cover:

- Deployment tools
- Monitoring (of applications and infrastructure)
- Policy enforcement / OPA?
- Usage tracking / accounting
- Workload scheduling? Need to schedule along data?
- Typical workloads...batch, interactive jobs? Any custom tooling?
- Any workloads not fitting Kubernetes? Other tooling being used?

Contribution ID: 2

Type: **not specified**

# Machine Learning

*Thursday 3 June 2021 11:00 (1 hour)*

Some ideas of things to cover:

- Use Cases and Algorithms Used
- Typical workflow from quick analysis to distributed / large scale training to serving
- Tools and Infrastructure
  - Luigi? <https://github.com/spotify/luigi>
  - Kubeflow?
- GPUs? TPUs?

Contribution ID: 3

Type: **not specified**

## Public Cloud

*Thursday 3 June 2021 14:00 (1 hour)*

Some ideas of things to cover:

- Experiences and challenges running on public cloud
- Reasons to move out of on-premises, any thoughts 3 years passed?
- High Level Services vs Your Own
- Managed Kubernetes? Relying on high level ML services from GCP?
- Single cloud provider (GCP)? Considering multi cloud?

Contribution ID: 4

Type: **not specified**

## Data and Databases

*Thursday 3 June 2021 15:00 (1 hour)*

Some ideas of things to cover:

- Data Needs and Tools Used
- Data distribution / bookkeeping around regions  
Any optimizations for cost reduction
- Databases  
Do you have NoSQL databases?  
If so, what are the use-cases?  
How are they deployed/maintained?  
Do you have use-cases for relational databases / NewSQL?

Contribution ID: 5

Type: **not specified**

## Computing Seminar

*Friday 4 June 2021 10:00 (1 hour)*

Contribution ID: 6

Type: **not specified**

## Backup Session, Open Discussion

*Friday 4 June 2021 11:00 (1h 30m)*