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ADF Hackathon kick-off

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Guidelines

- Share a **pipeline template,** a short **demo video** and a **blog post/ documentation** with clear steps outlining the usage of the template with dependencies (like sample datasets/ prerequisites)
- Challenges/ submission categories – **Performance, Best practice, Creative**

- **Timeline –**
  - **Submission deadline – 17 Feb 2021**
  - **Winner announcement – 1 March 2021**

- **Submission link –** https://aka.ms/adfhack

Categories

- **Performance**
  - Copy throughput with >2 GB/s (pipeline template)
    - Copy perf tuning link
  - Data flows with TB size transformation (pipeline template)
    - Data flow perf tuning link
  - High-perf ETL (Copy + Data flow) with high throughput Copy and Data flow
- **Best practice**
  - Monitor logs across factories (log monitoring scripts)
  - Reference architectures (pipeline template)
- **Creative**
  - Think out of the box solution
  - High-impact problem solver ‘solution’

Additional Design considerations

- ETL **performance** (data movement, execution parallelism)
- Handling **data quality, slowly changing dimensions, error, resilience**
- **Parameterization** and **control flow** usage; targeting **generic pipelines**
- **Ease-of-use of the template**/ script (demo video, documentation/blog)

Judging criterions

- Performance (25%)
- Parameterization in pipelines (25%)
- Documentation (25%)
- Demo video (25%)

Winners

- ADF hoodie, stickers for **Category winners**

- Selected templates by the judges will show up in ‘Template gallery’ in ADF with a mention to the author.
  Note: This is additional to Category prizes and can contain as many entries as possible that meet the judging bar.

Timeline

Submission link – https://aka.ms/adfhack

3 Feb 2021

Competition kick-off, Submissions open

17 Feb 2021

Submission deadline

1 March 2021

Winner announcement

Resources

- Azure free trial
- Azure open dataset – Sample datasets

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View our on-demand playlist:
aka.ms/azuresqlandadf

@AzureSQL
@AzDataFactory

Microsoft Azure