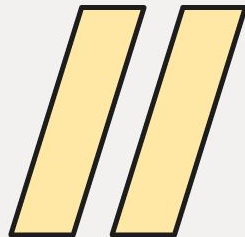
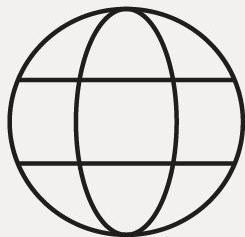
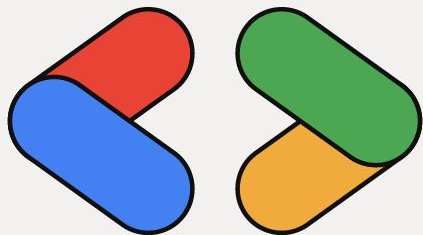


# Creación de pipelines de datos con Apache Beam en Google Cloud Dataflow

Cotrina Espinoza Miguel Angel

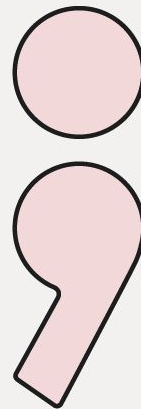


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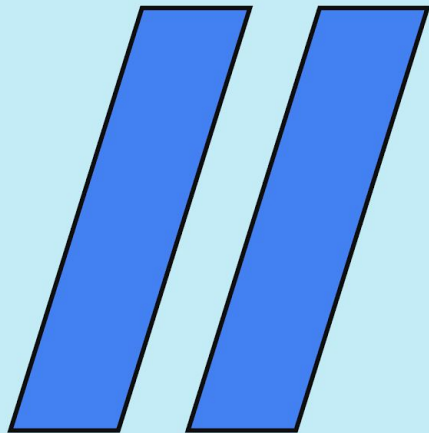
# Agenda:

- Apache Beam
- Dataflow
- Pipeline de datos



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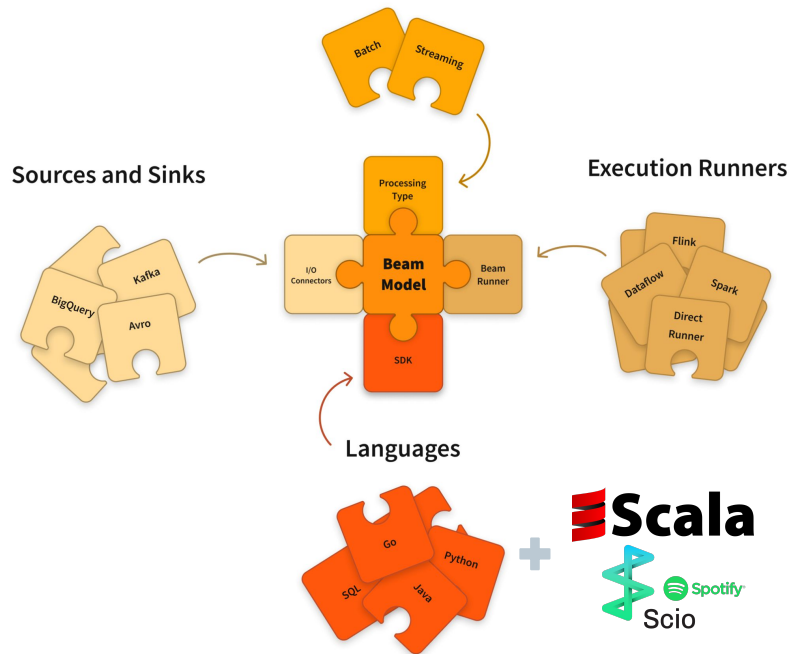
# Cloud @DevFest



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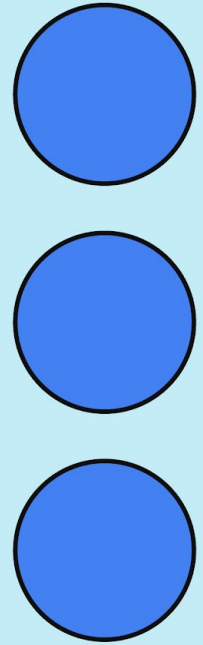
## Apache Beam

Unified Programming Model

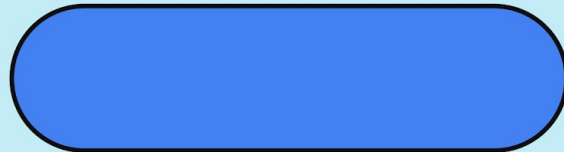


# Apache Beam

Es un modelo unificado de código abierto para definir canales de procesamiento de datos en paralelo, tanto en batch como por streaming.

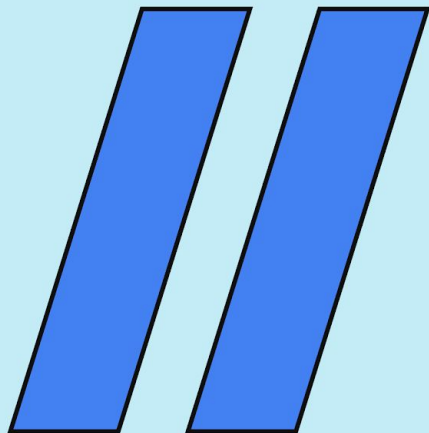


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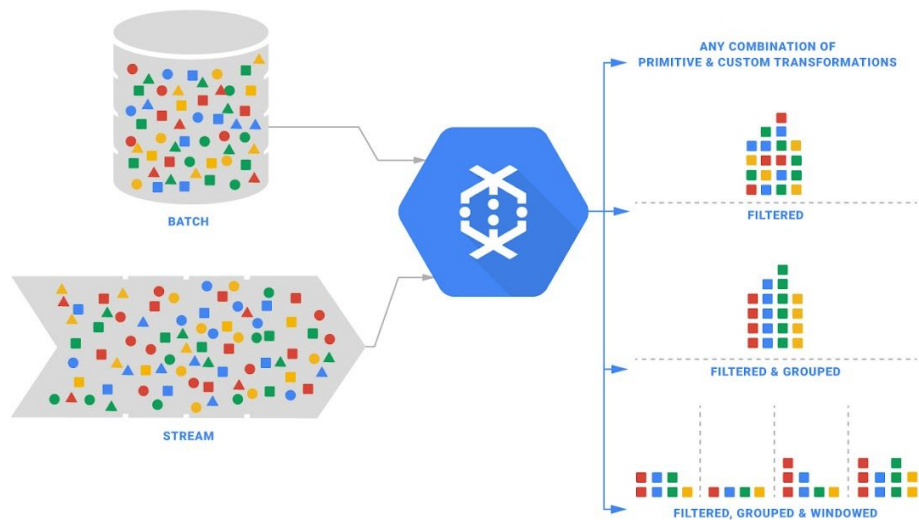
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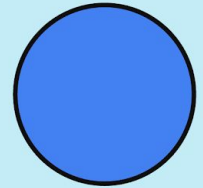
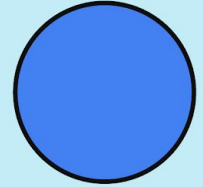
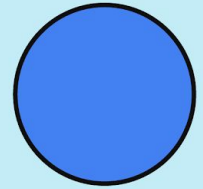
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## Dataflow

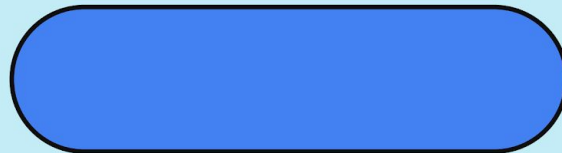


# Dataflow

Es un servicio de Google Cloud que proporciona procesamiento de datos por batch y streaming a gran escala, y trabajando con programación distribuida



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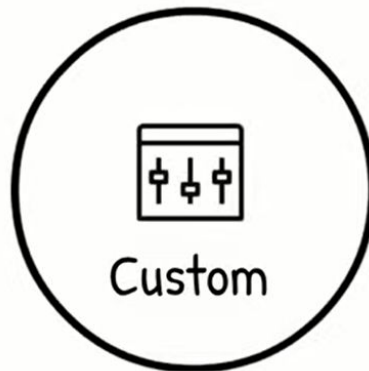
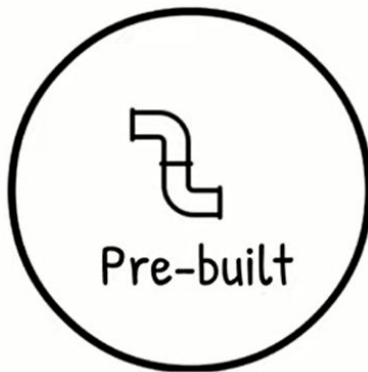
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# Dataflow - Templates

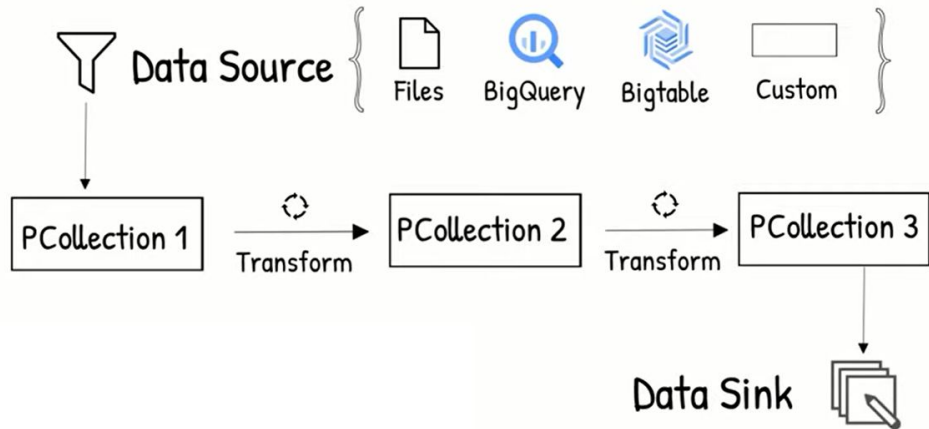


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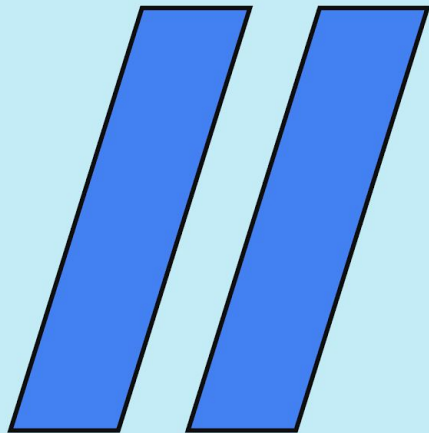
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## Pipeline de datos



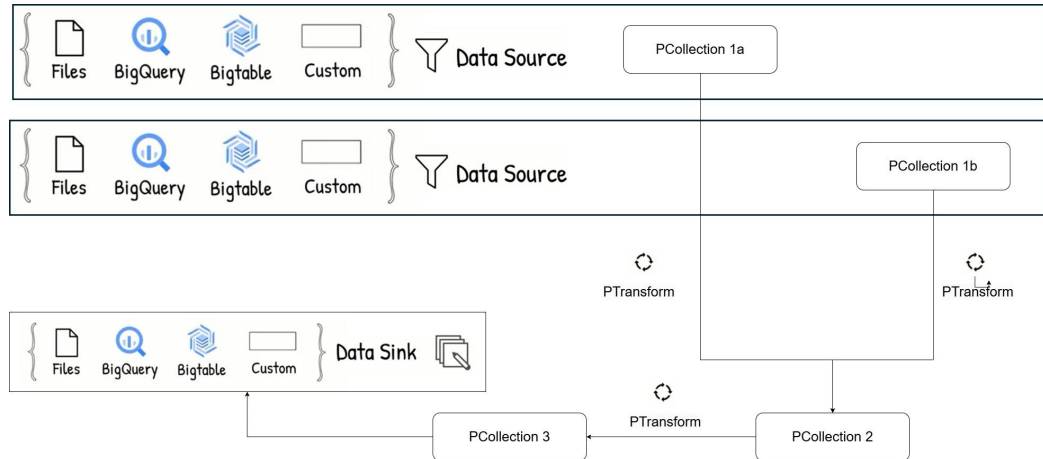


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## Pipeline de datos

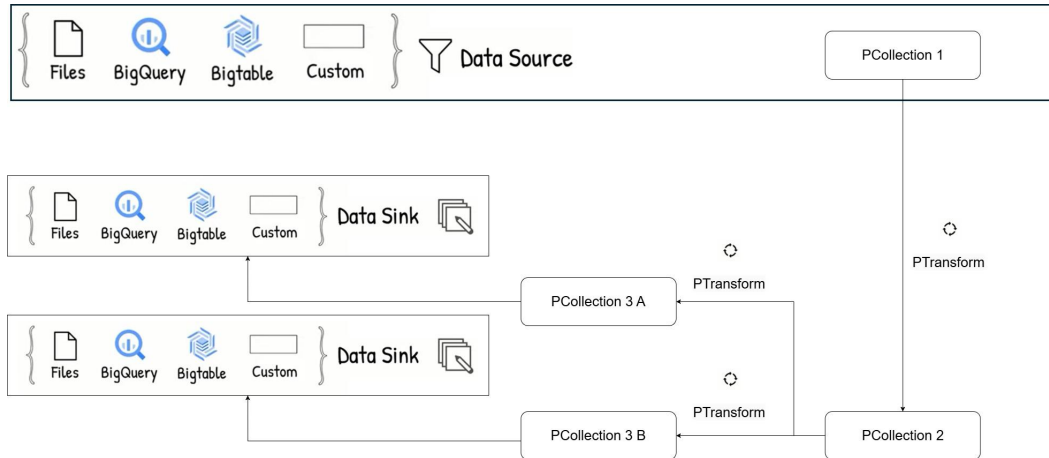


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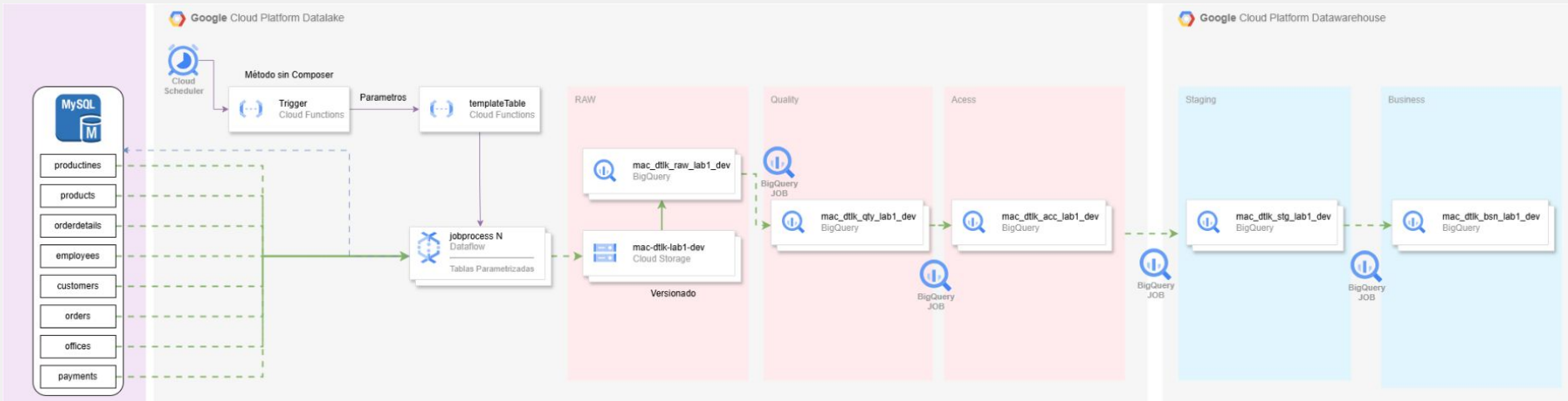


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## Pipeline de datos



# Arquitectura



# Materiales

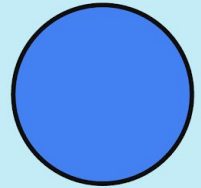
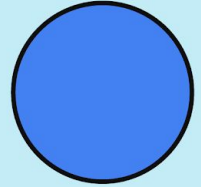
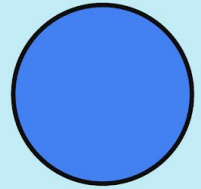
[https://github.com/macespinoza/ingestaDataflowLake\\_v02](https://github.com/macespinoza/ingestaDataflowLake_v02)



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# Gracias!

