

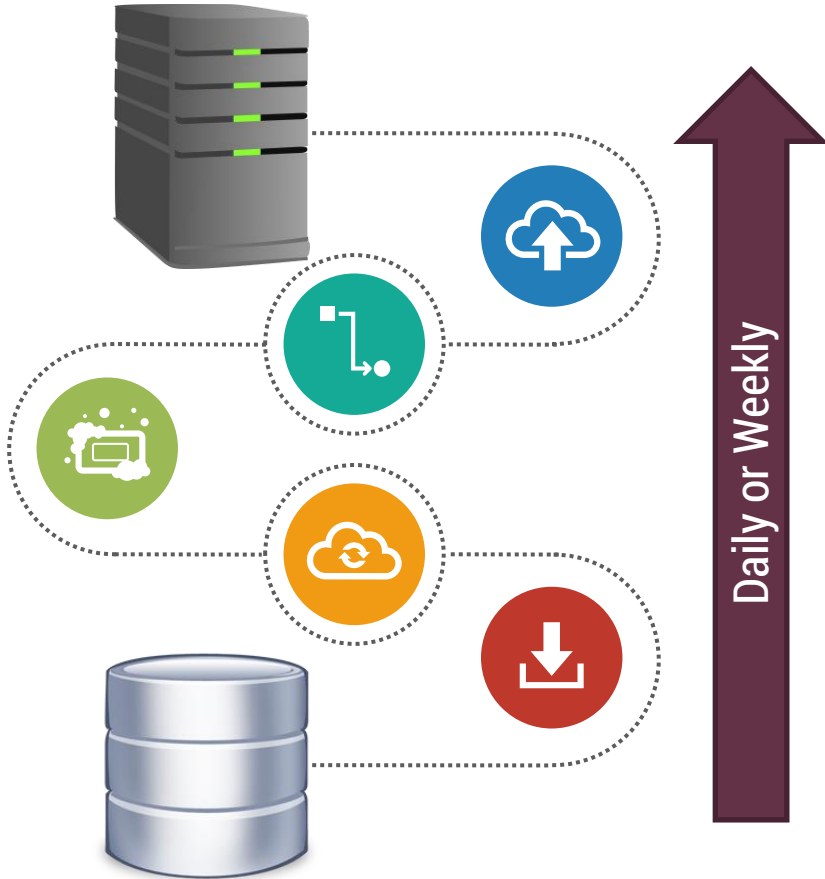


Batch versus Streaming

Database Integration



Batch Processing



Batch Processing and ETL

- Batch processing is the standard for data warehouse ETL
- Business statistics usually only require daily granularity
- Frequent updates throughout the day may not provide valuable insights.

Stream Processing



Realtime Analytics

- Weekly or daily updates are not frequent enough
- Stock trading, fraud detection, Internet of Things