

DIY ETL with Azure tools

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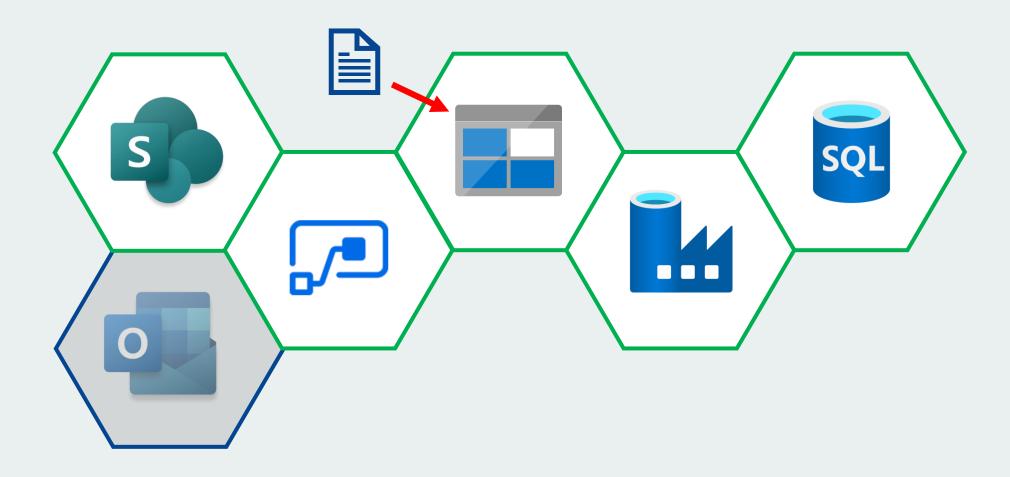
ETL& ELT



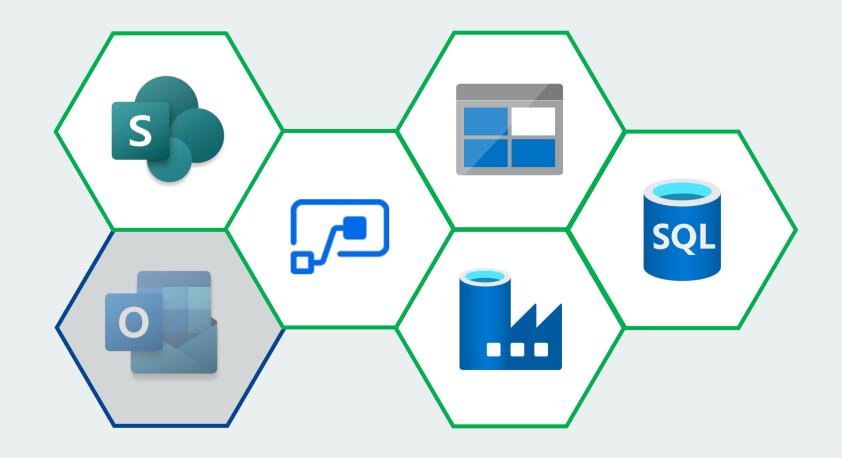
Event-driven ELT

- The finance team upload data files every morning that need to be brought together for calculations and reporting.
- Use technologies the finance team are familiar with.
- Backup the files from SharePoint to ensure an immutable source of historical data

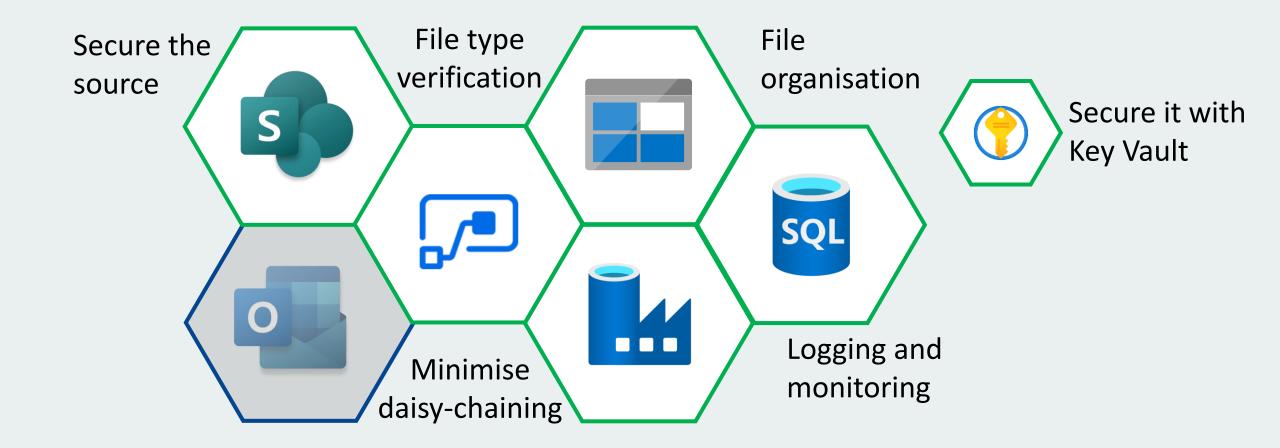
Event-driven ELT

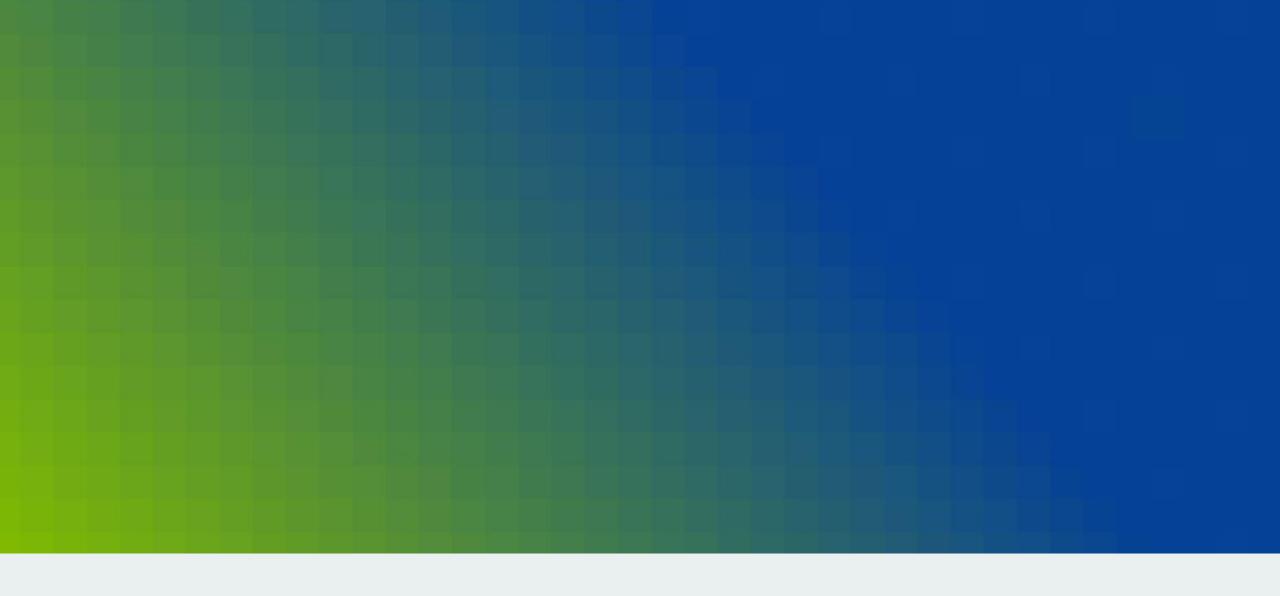


Event-driven ELT



Event-driven ETL



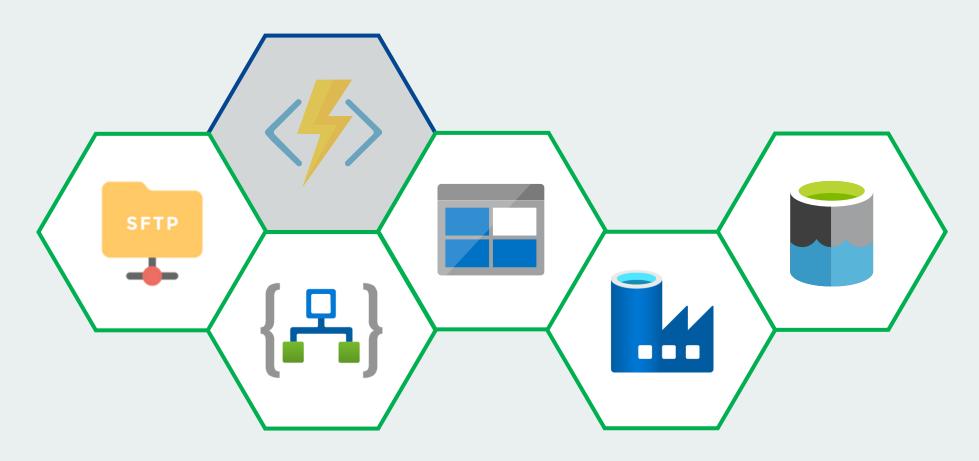


Demo

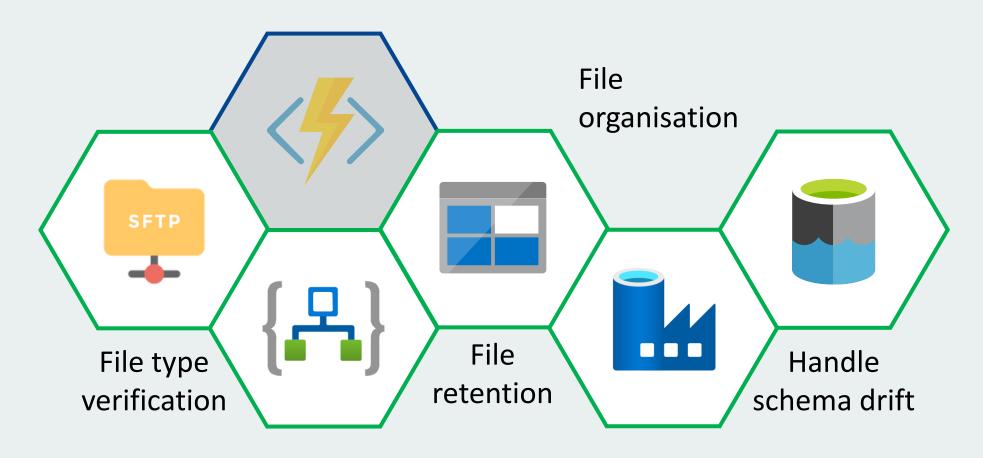
Externally-driven ETL

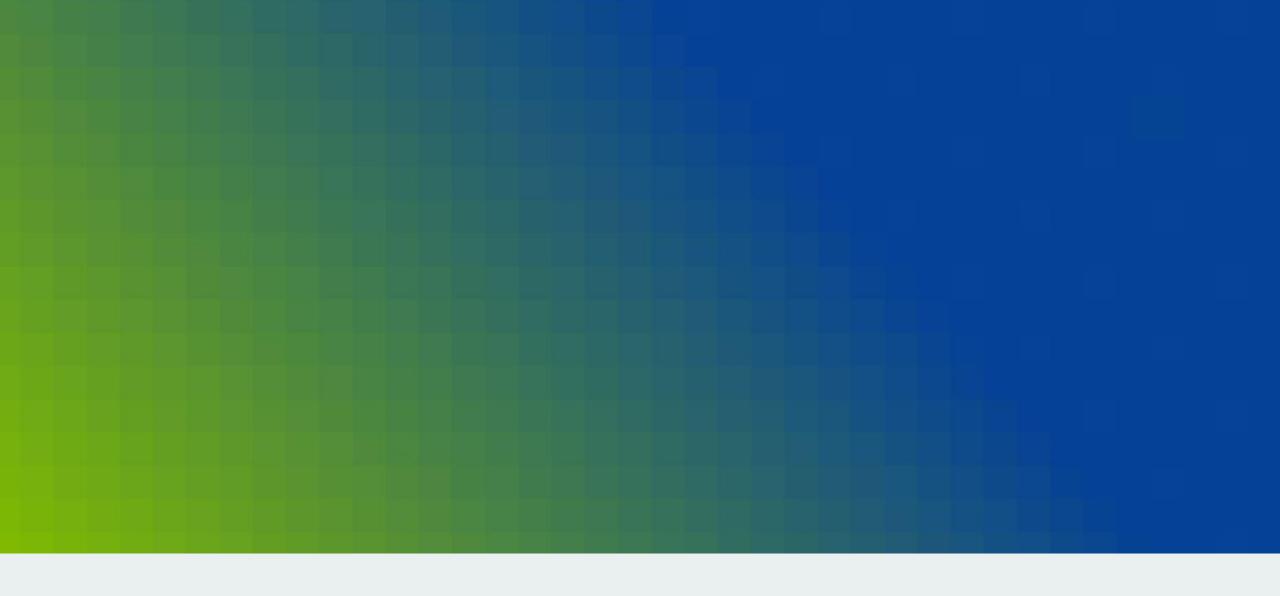
- Third-party supplier provides data via their FTP
- Other options are paid development time (think £££) or "use our reporting platform".
- You have no control over the reliability or frequency. Schema changes can occur without warning.
- We need to combine this data with internal data sources and enable data science projects

Externally-driven ETL



Externally-driven ETL

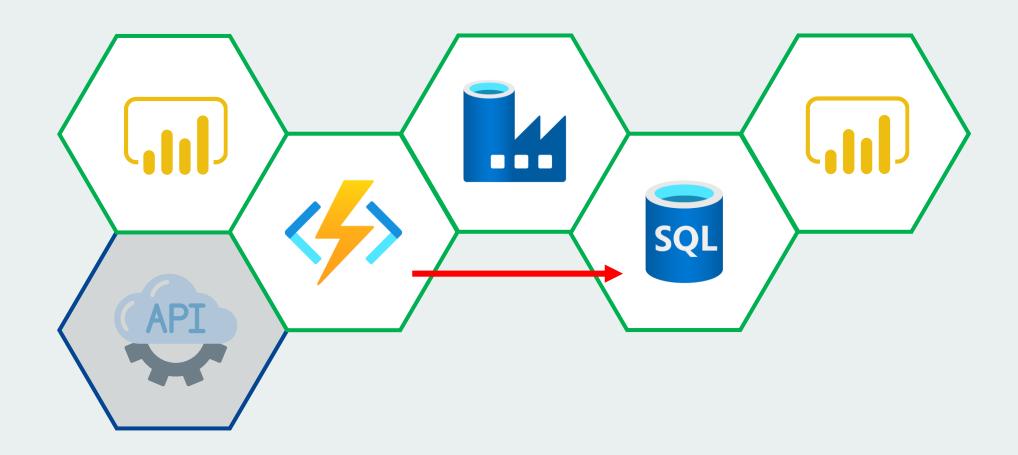


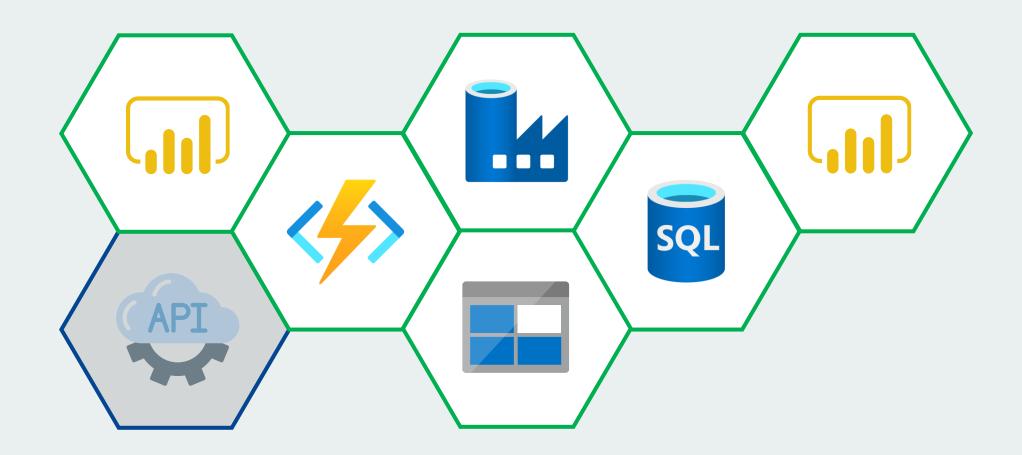


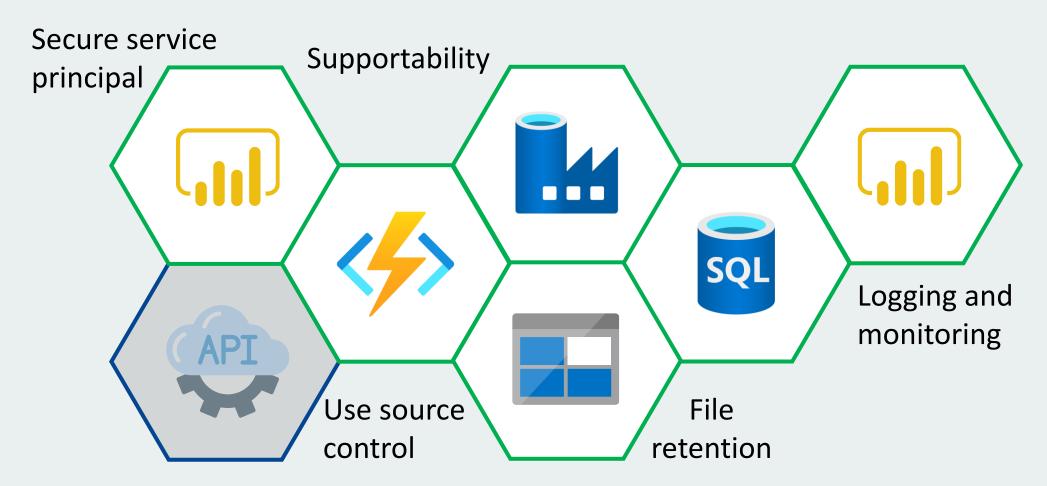
Demo

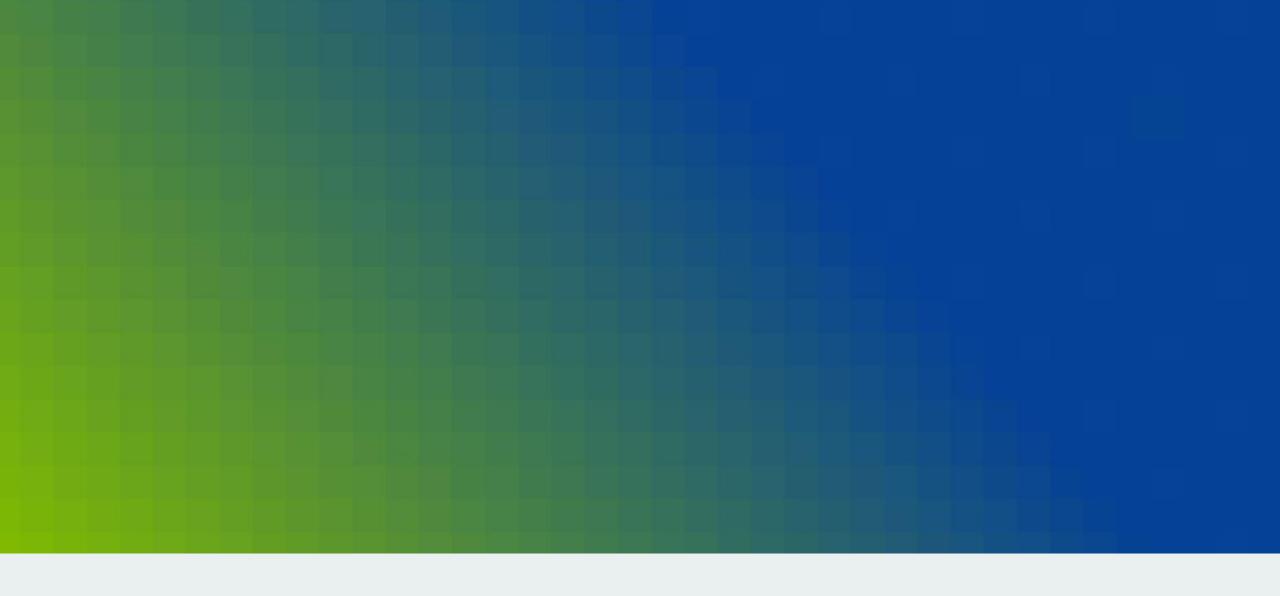
- The company needs to know how Power BI is being used.
- They want metrics on security, content usage and licensing.
- The CIO wants department teams to be responsible for their own governance.





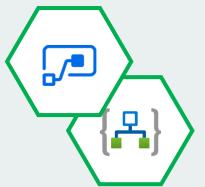






Demo

Azure Tools



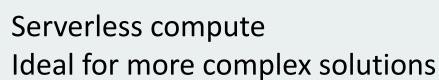
Workflow tools Great for event-based ETL/ELT

















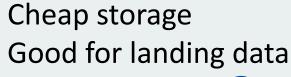




ETL/ELT workhorse Not always needed in data pipelines













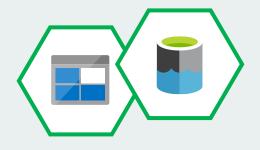
Cost to buy | Cost to run | Supportability

Azure Tools

Workflow tools



Data Storage



Analytics



Custom code



Orchestration



Databases





Big data tools





Thank You







