Google Cloud

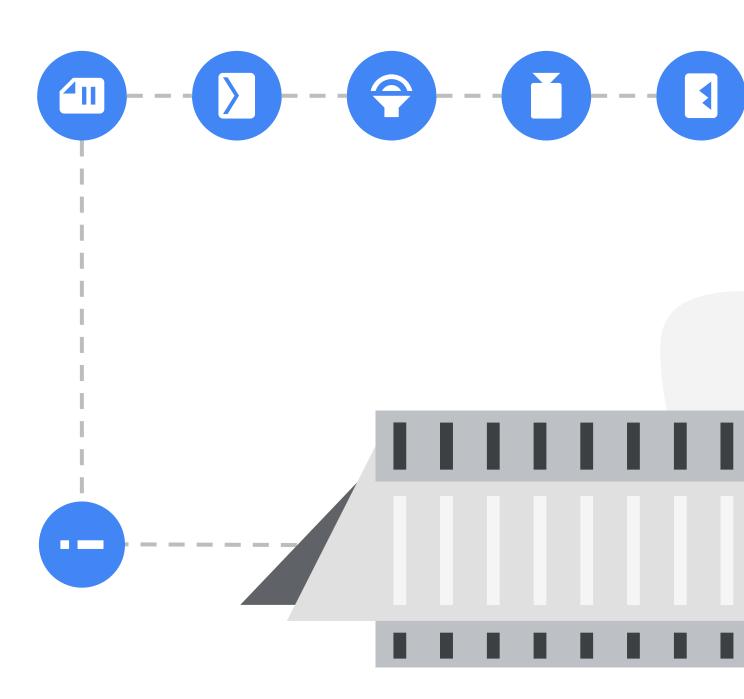
Student Slides

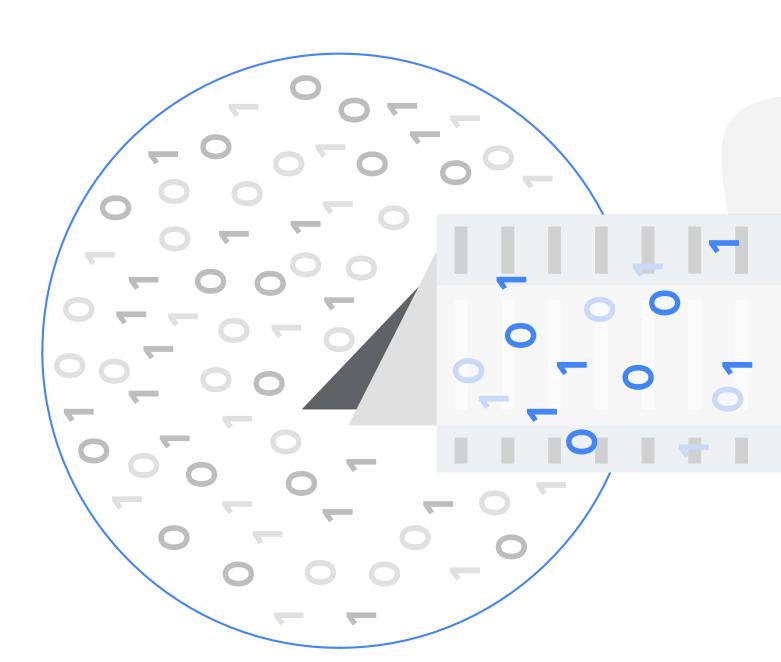
nnovating with Data with Google Cloud

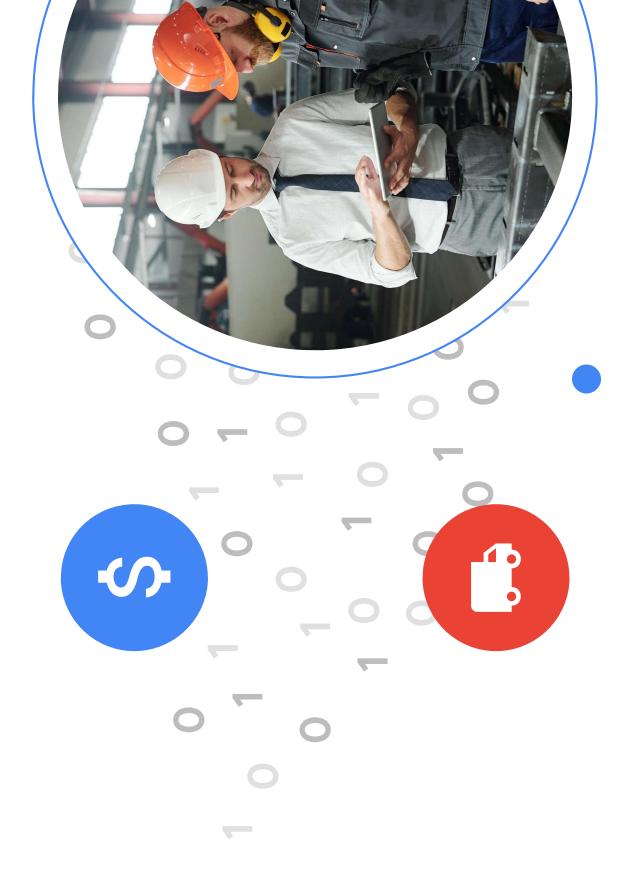


Module 1: Student Slides

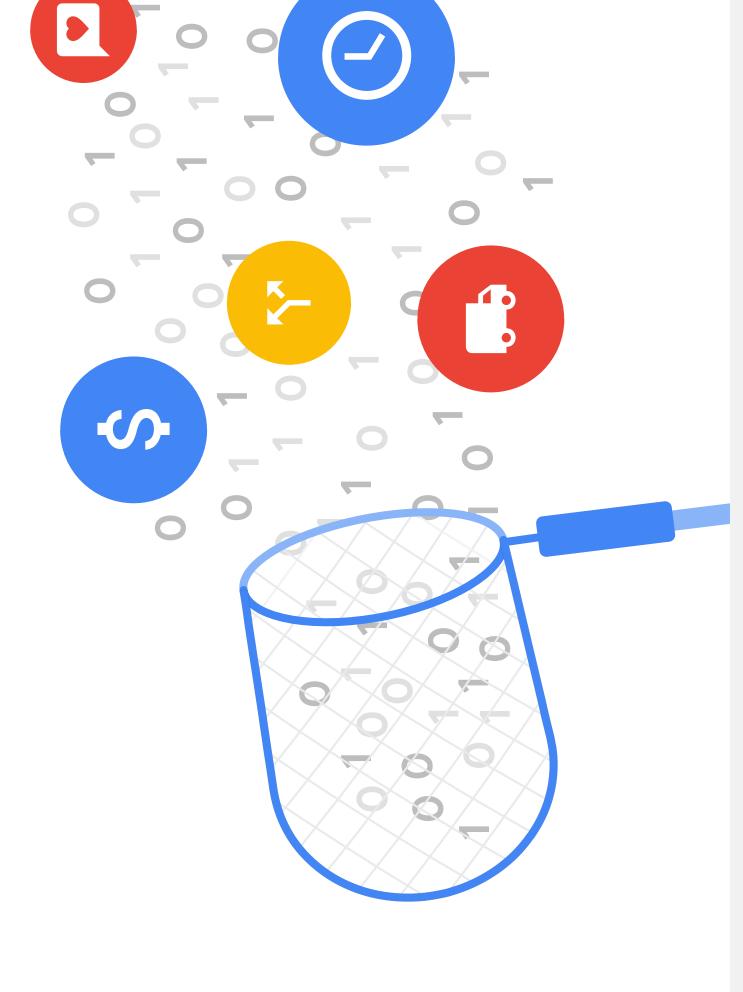
The Value of Data



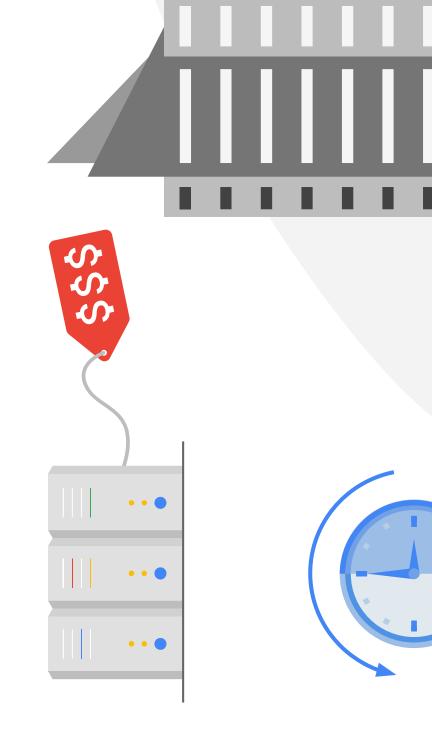




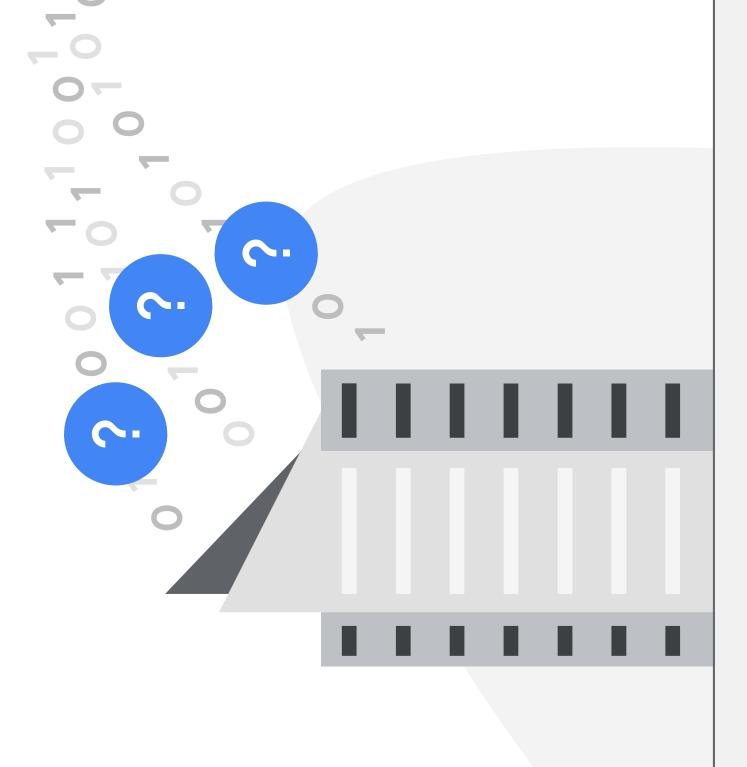


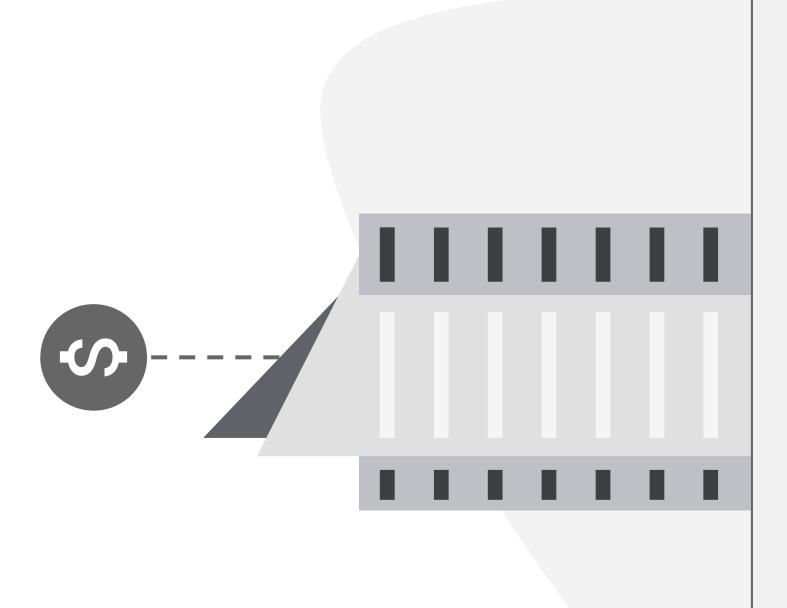


Large enterprises with traditional IT infrastructures face se leveraging the value of data. These limitations include: pro data, finding cost effective solutions, scaling resource cap data, and deriving insights from historical and new data.

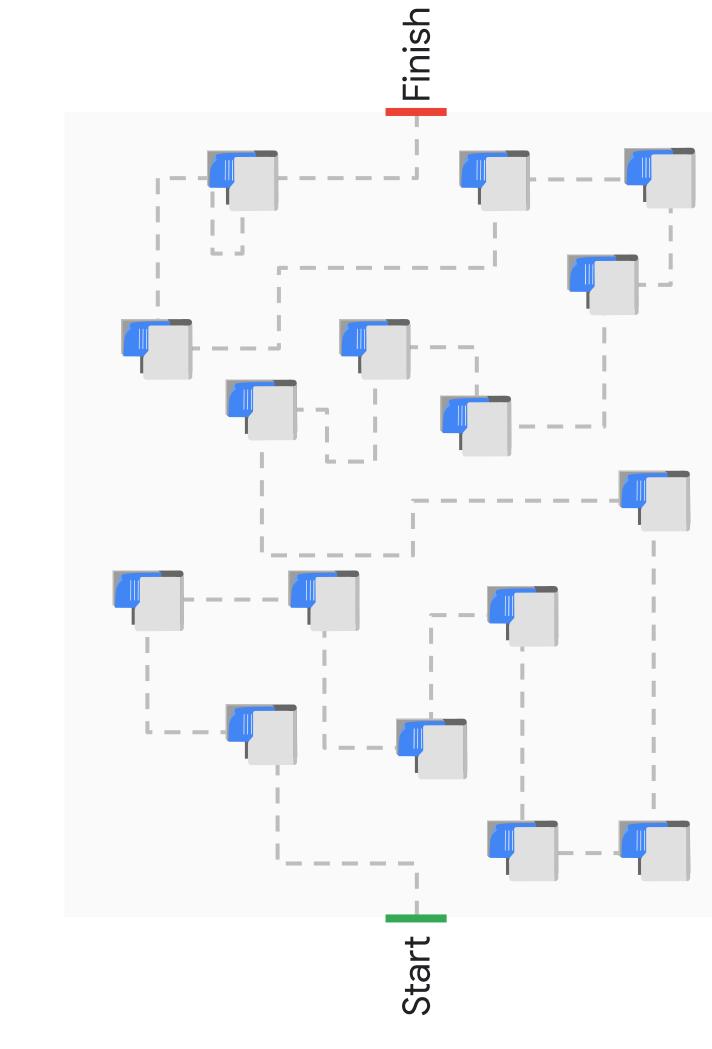


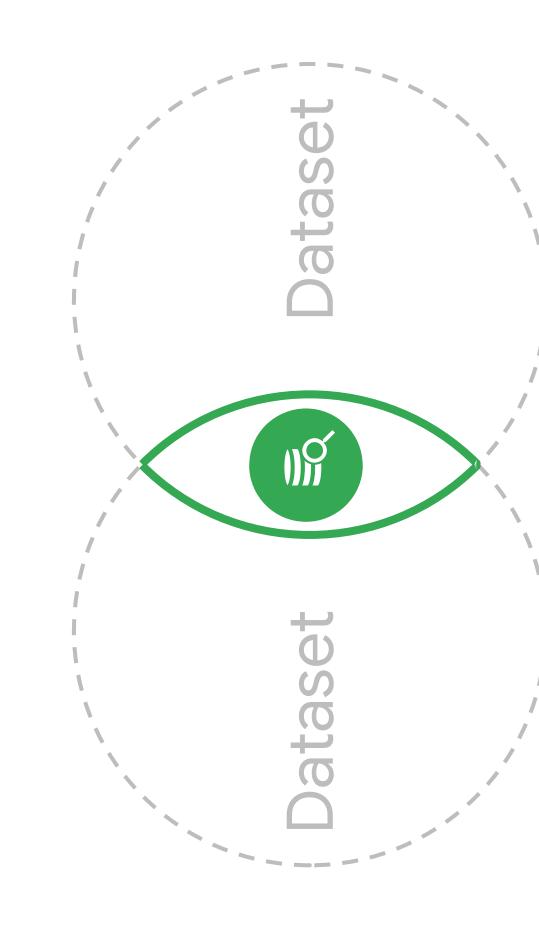
Google Cloud offers

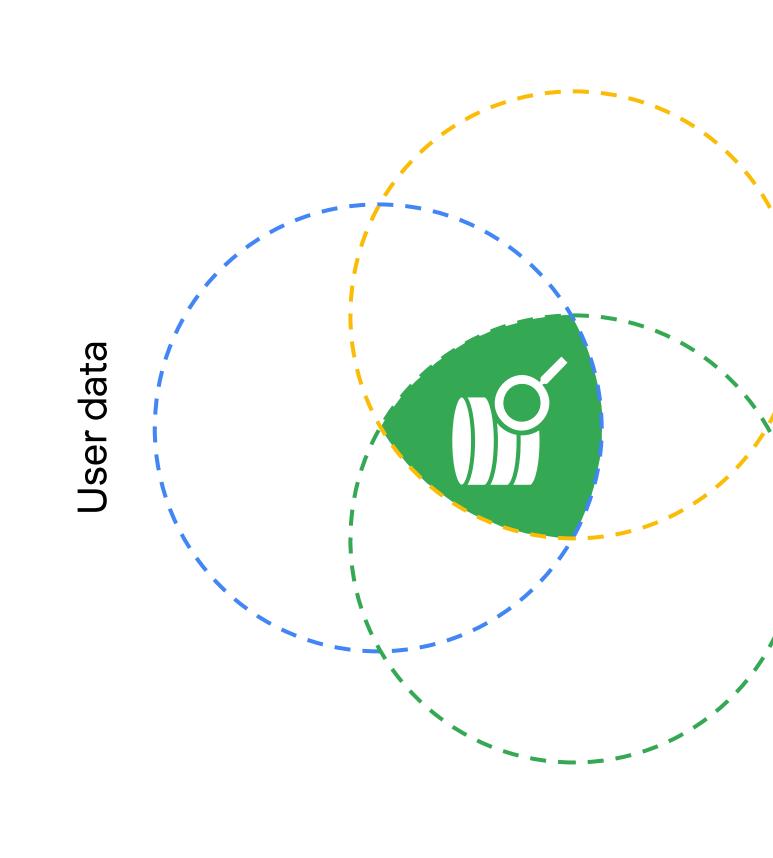








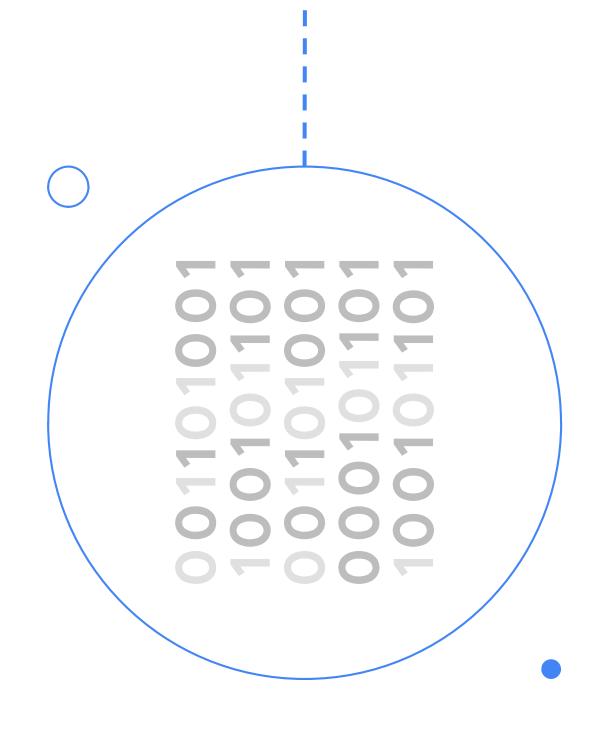




Structured

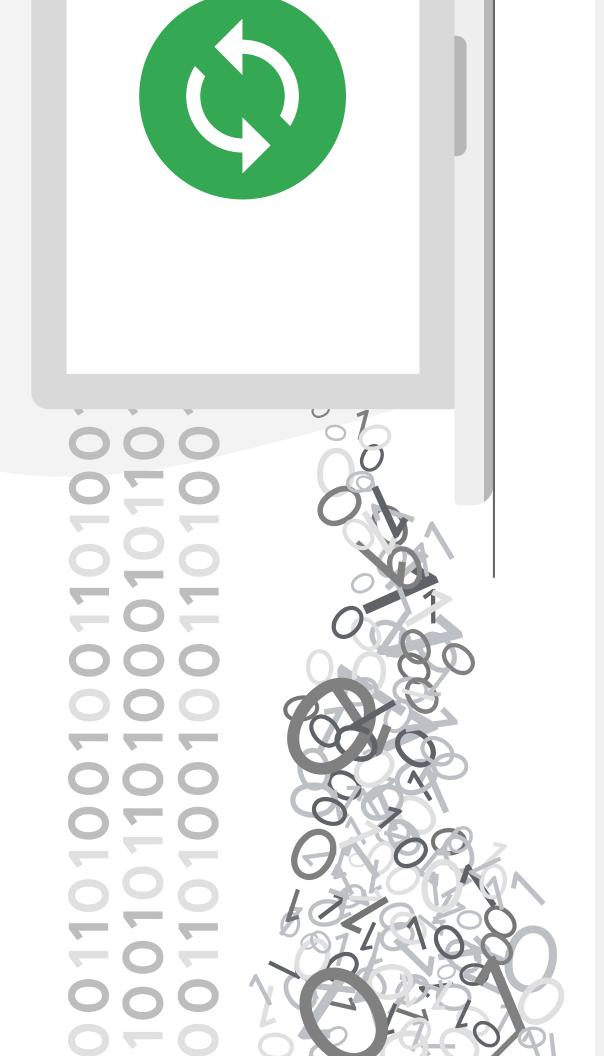
Unstructured





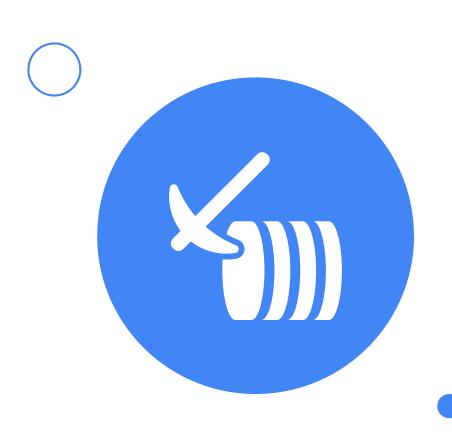


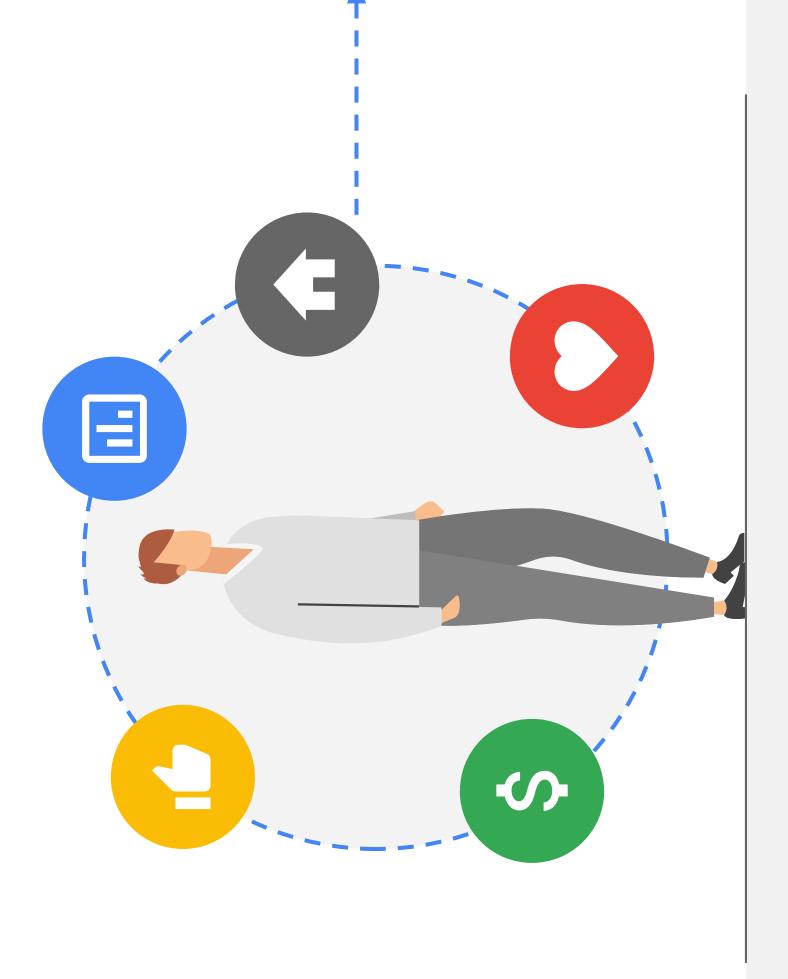
Images, audio, and multimedia files This stands for binary large object. stored in a format called a BLOB. Some unstructured data can be can all be stored as BLOBs.

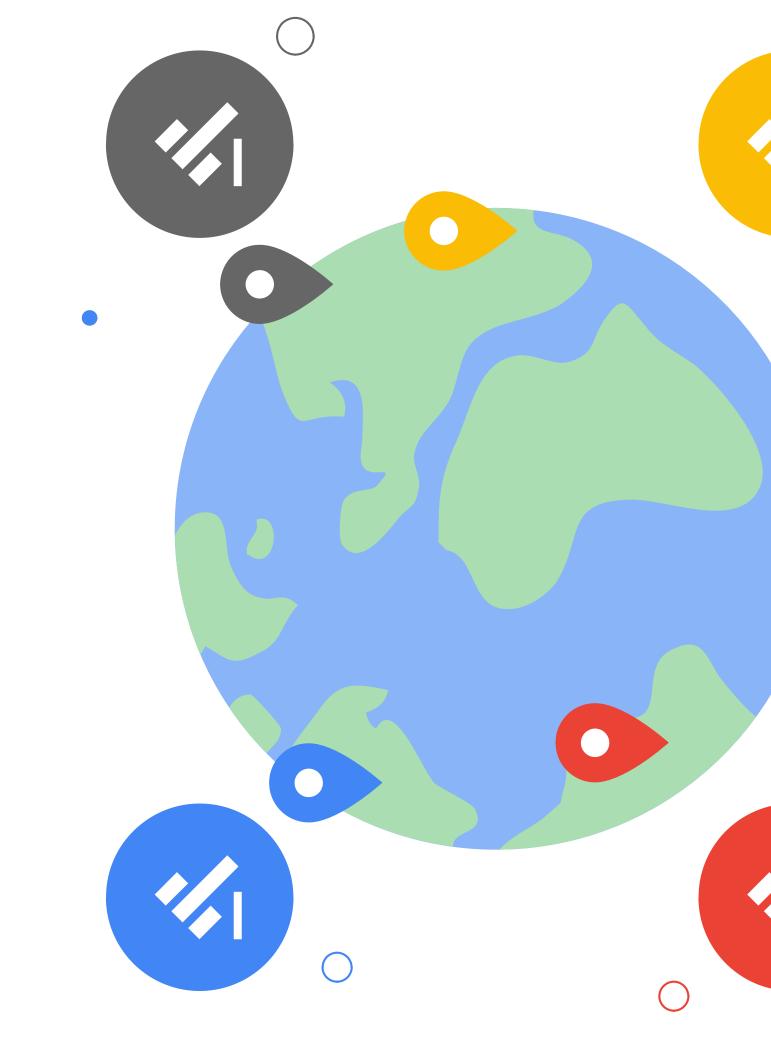


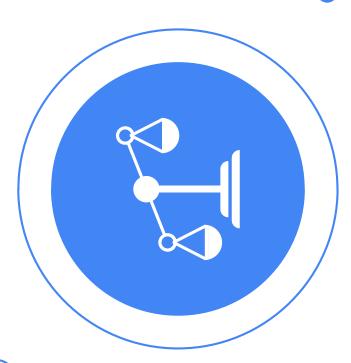
platforms, with different types using APIs to create structure. businesses can extract value of data, so that new insights from unstructured data by APIs are a set of functions With the right cloud tools, that integrate different can be uncovered.

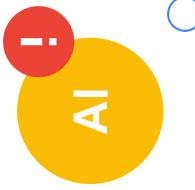


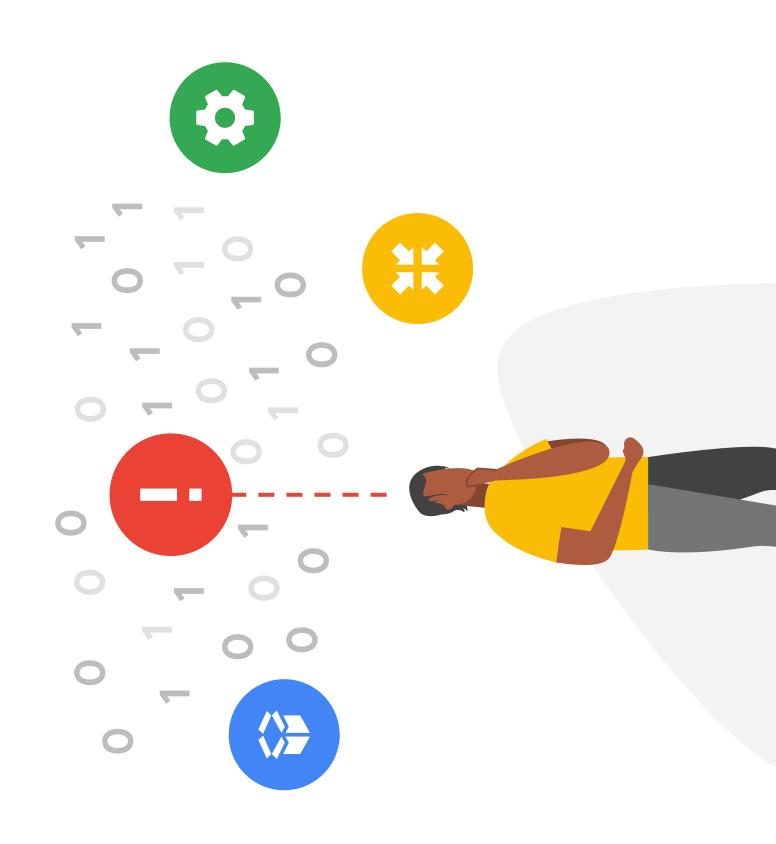








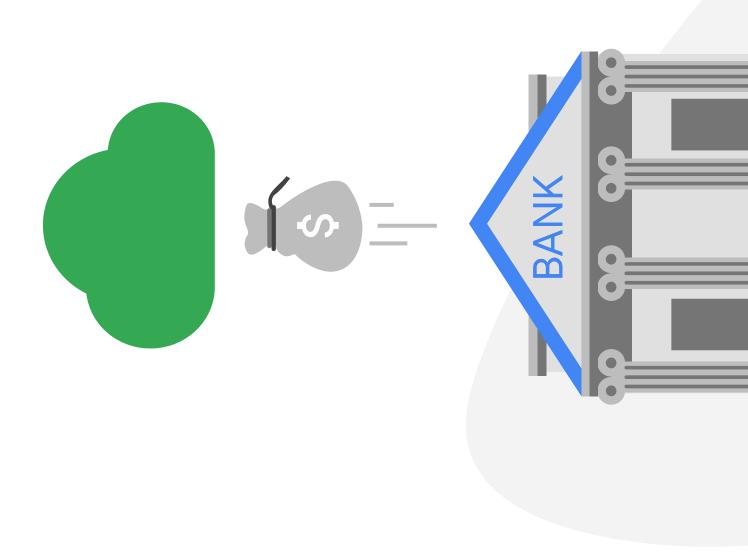


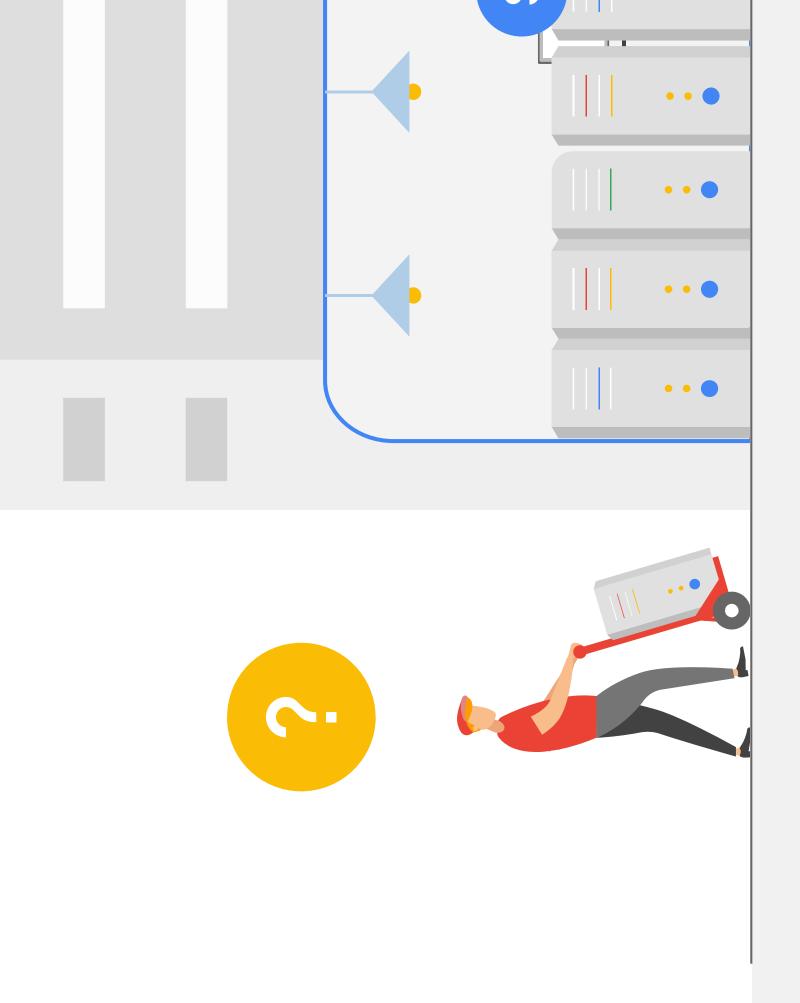


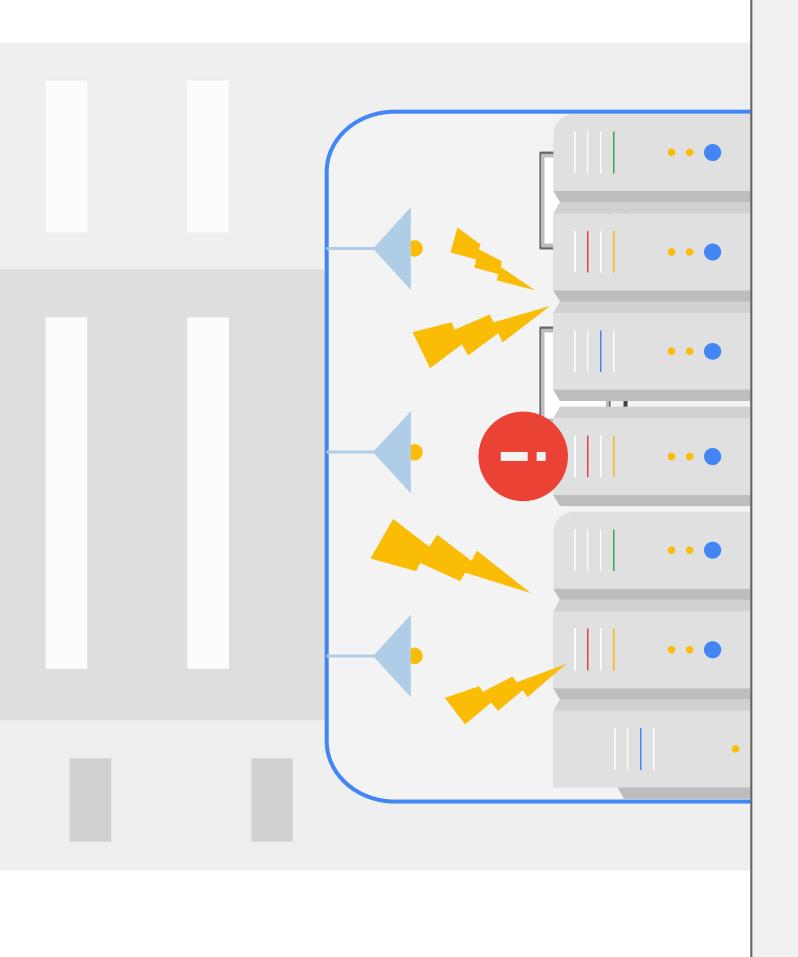


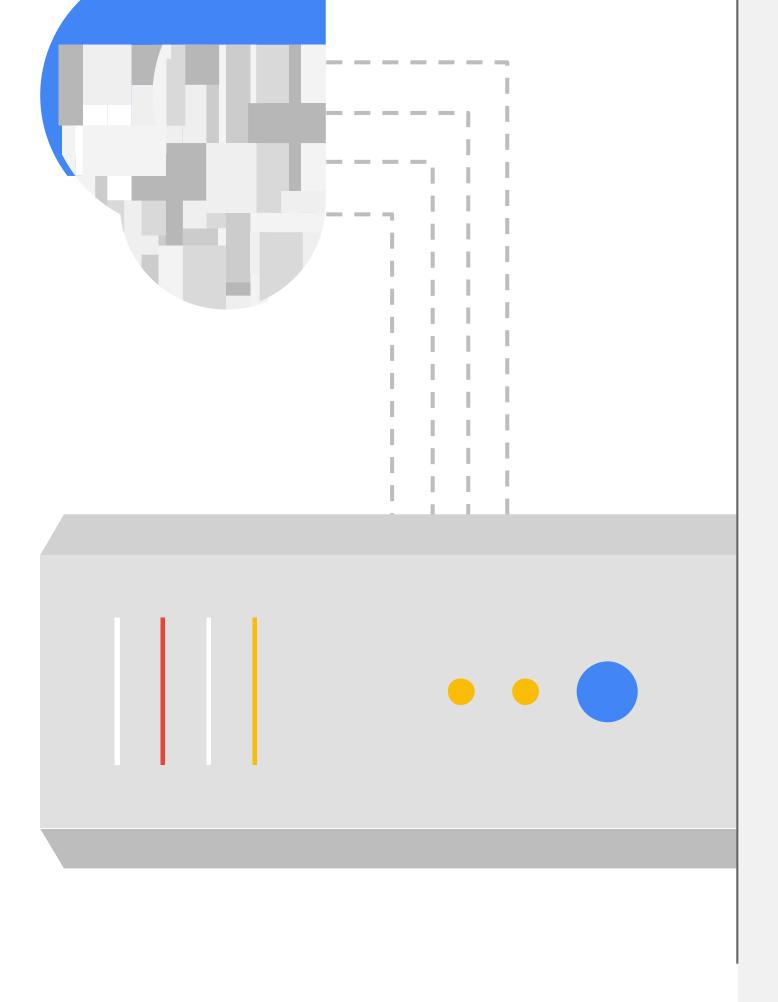
Module 2: Student Slides

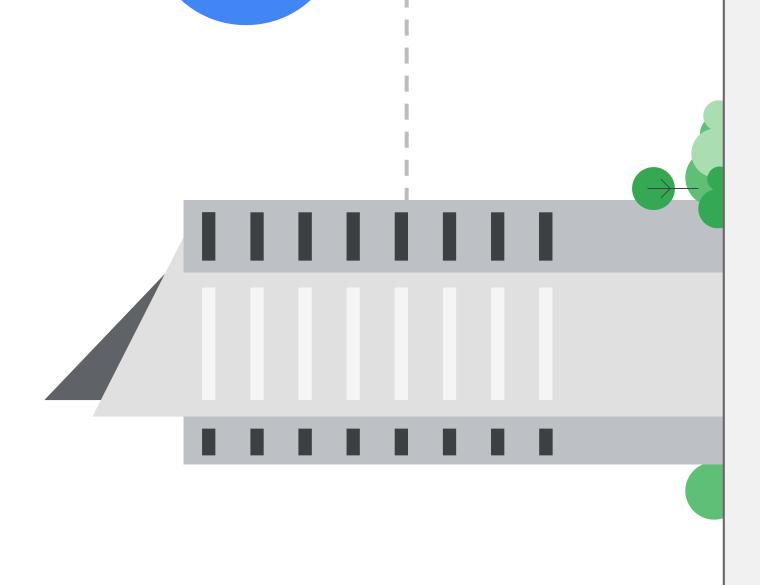
Data Consolidation and Analytics

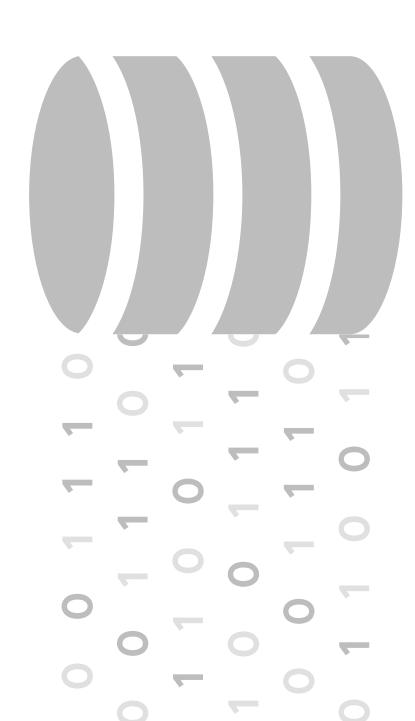






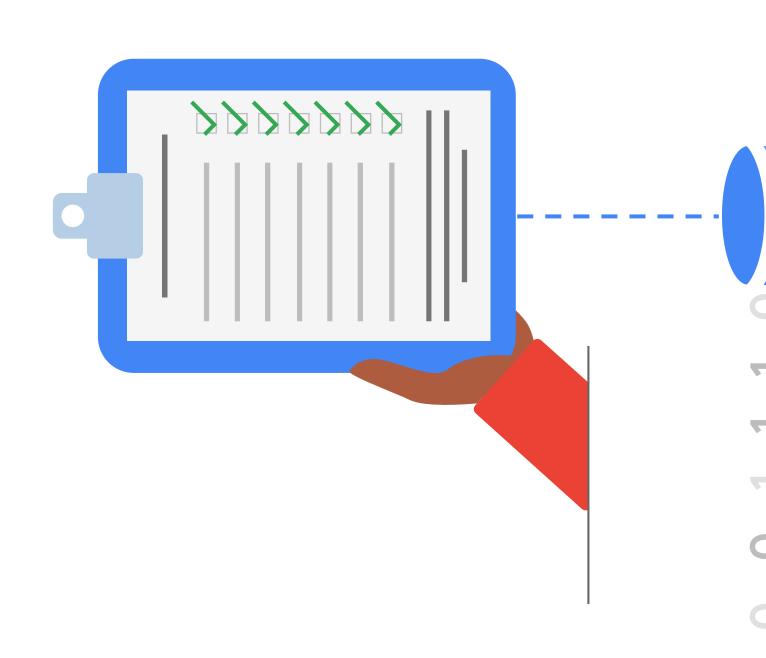


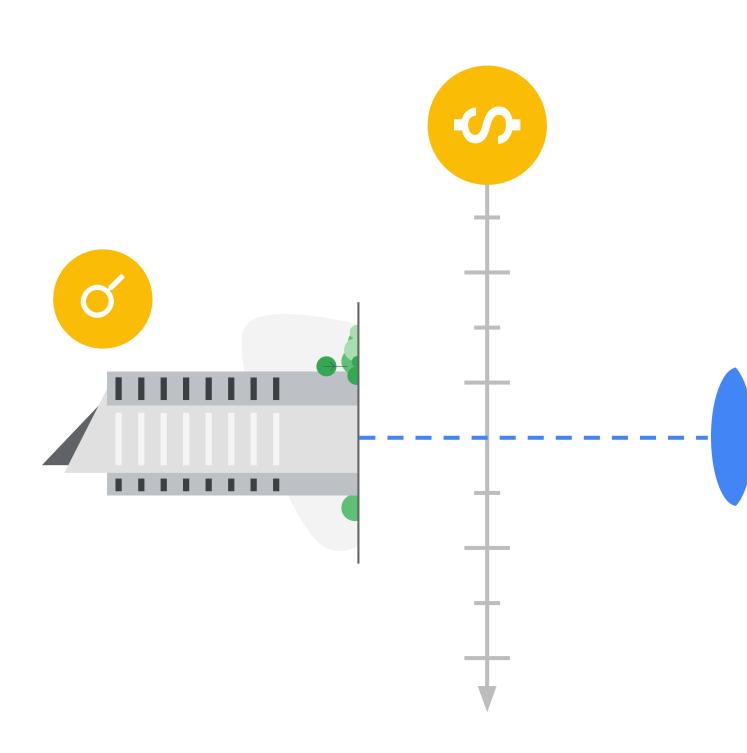


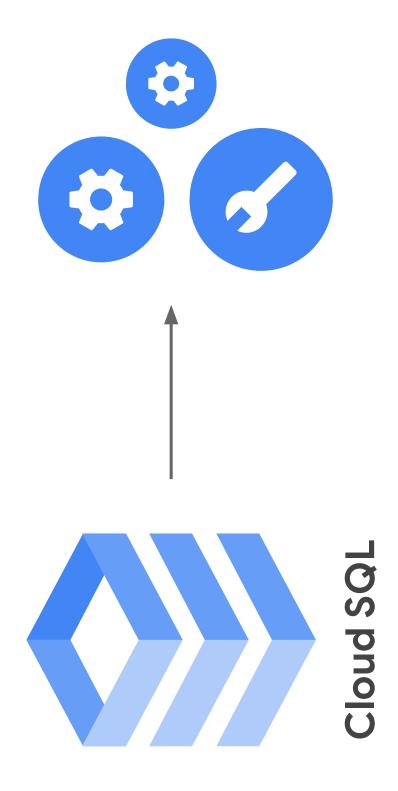


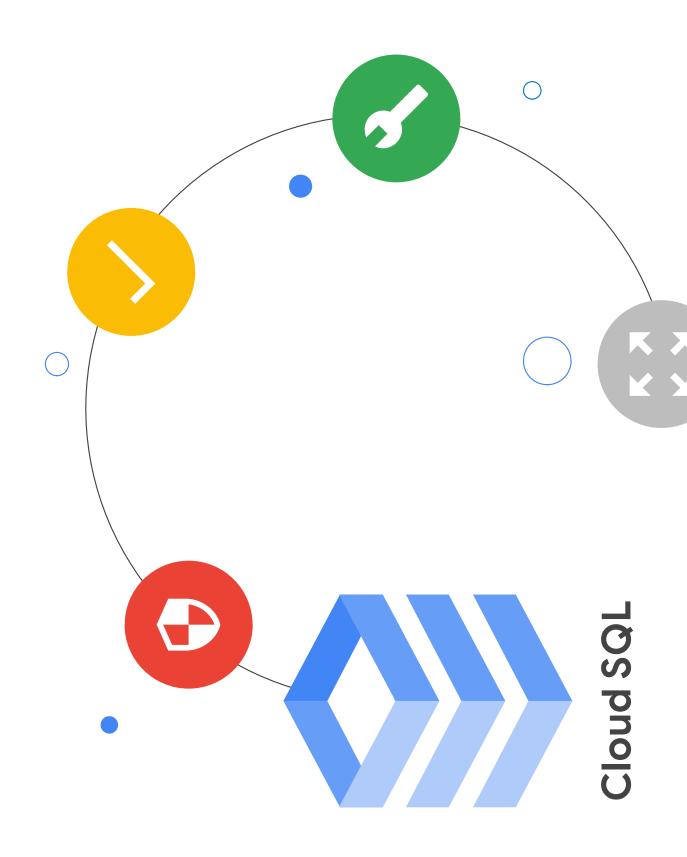


Data management priorities



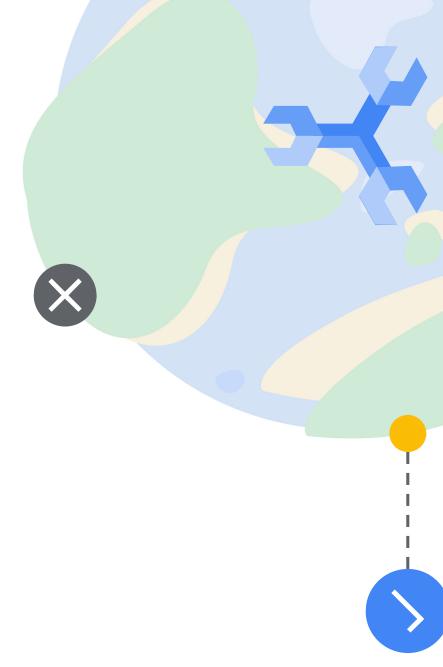


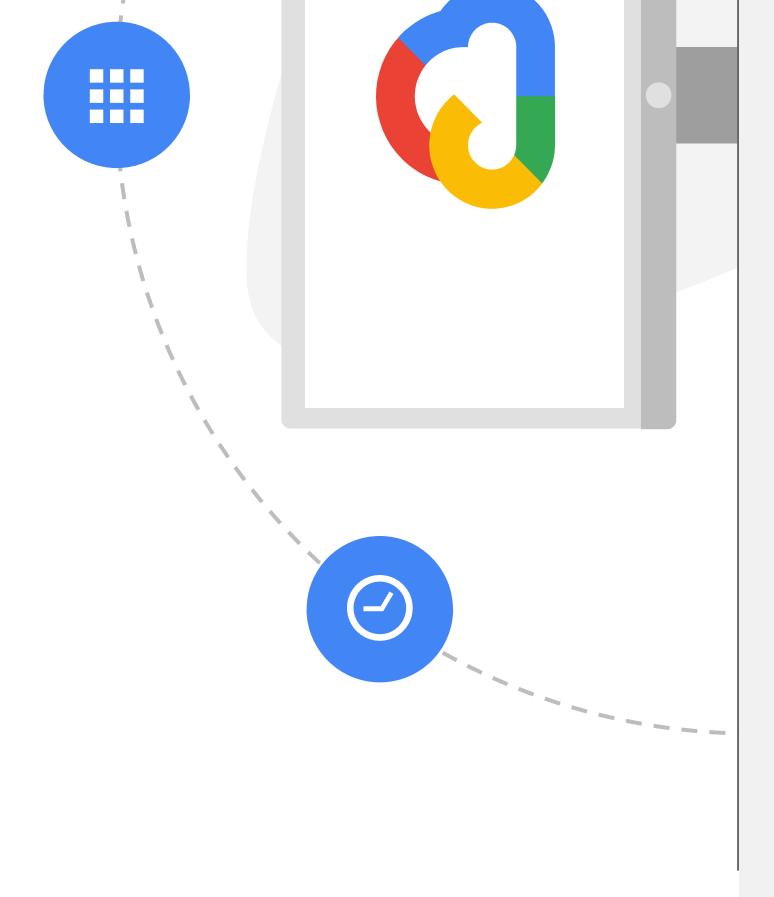




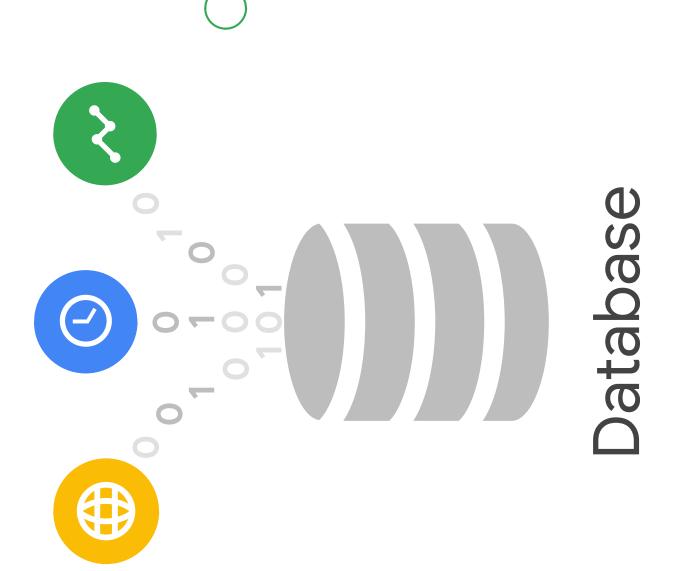
What is Cloud Spanner?

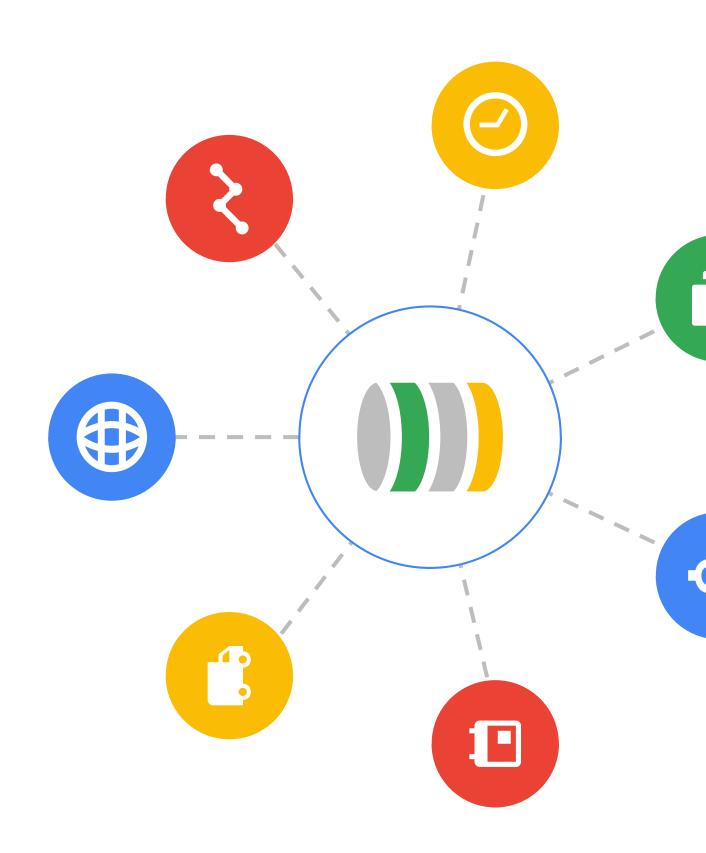
It's another fully managed database service, and it's desig data is automatically and instantly copied across regions. goes offline, the organization's data can still be retrieved f

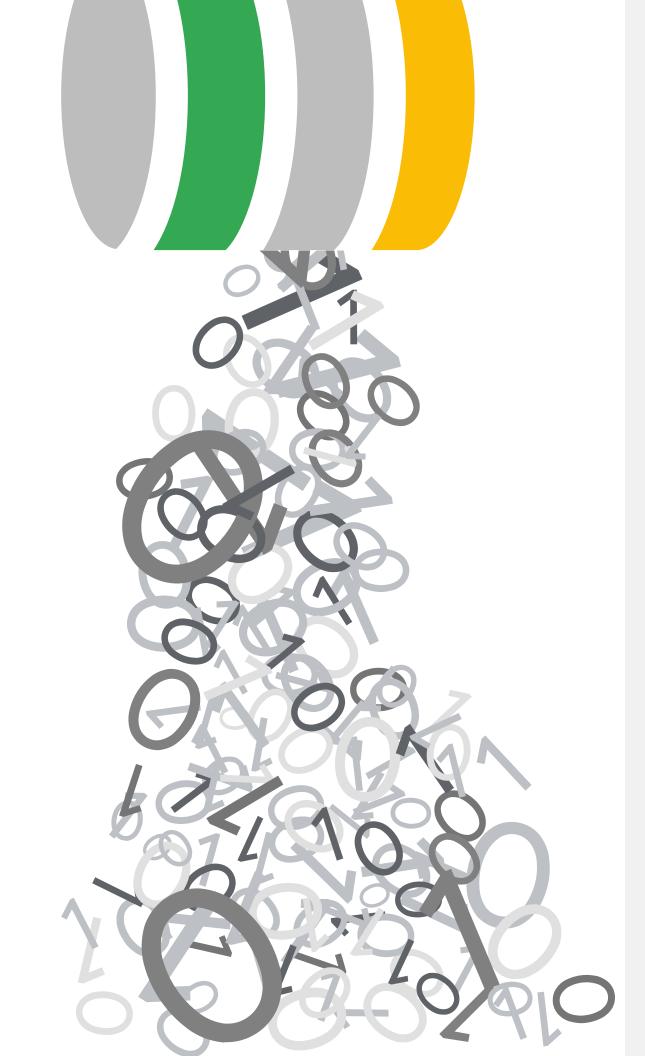


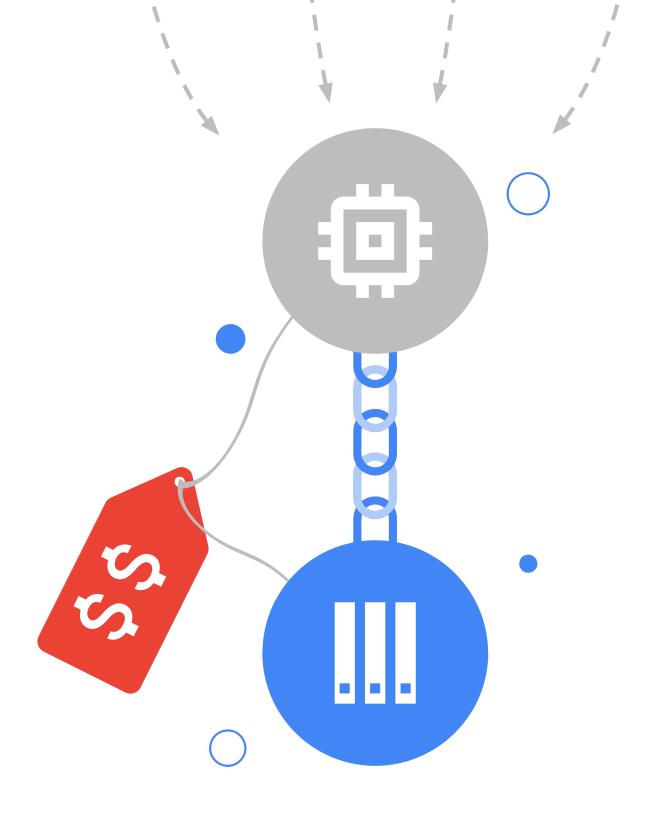




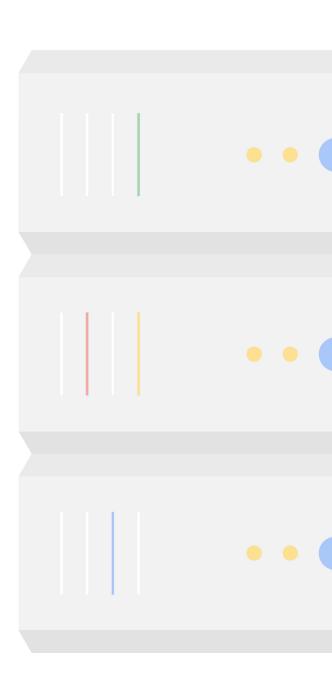


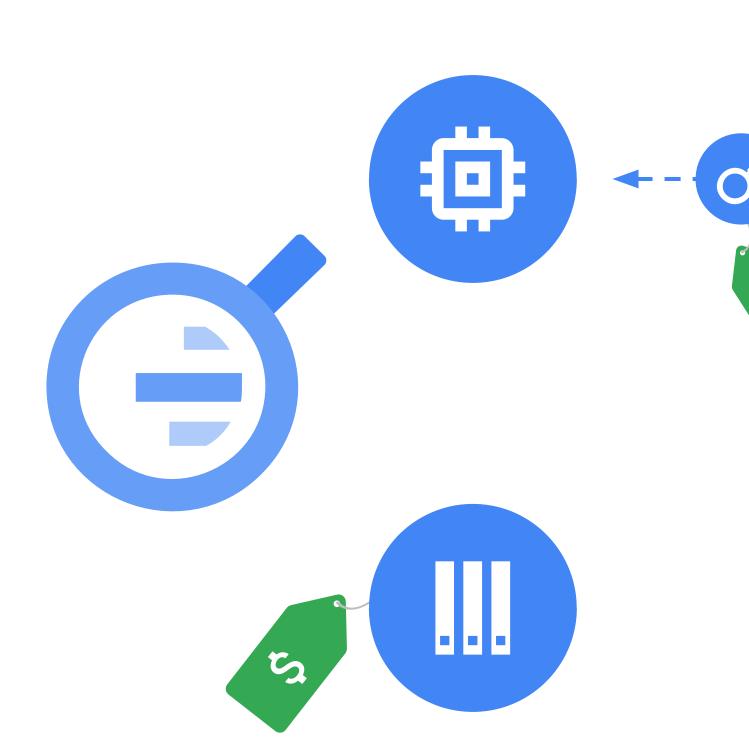


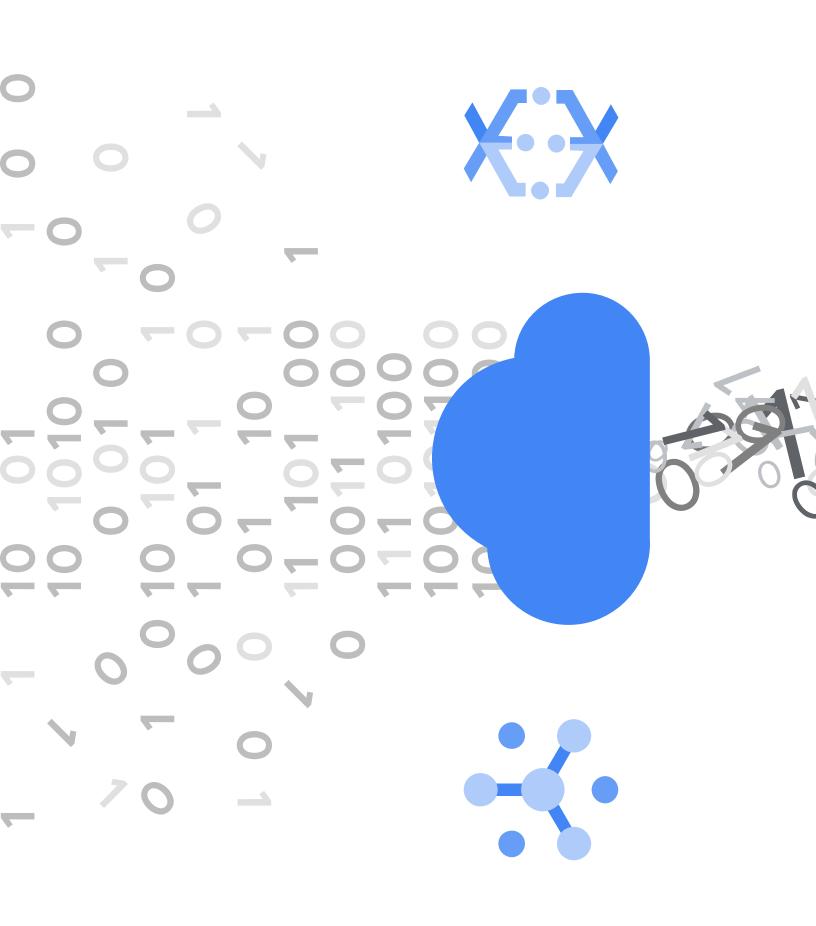


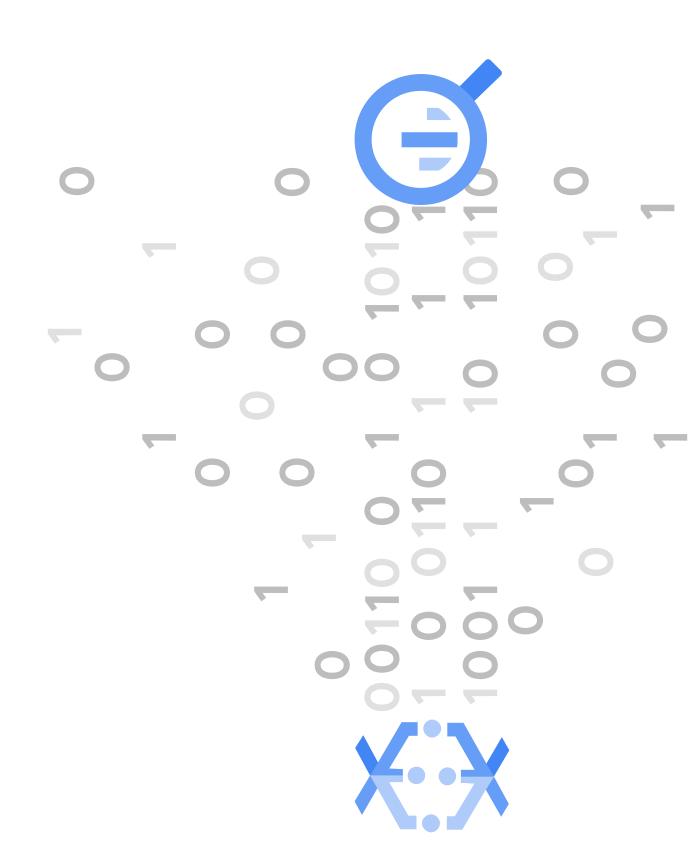






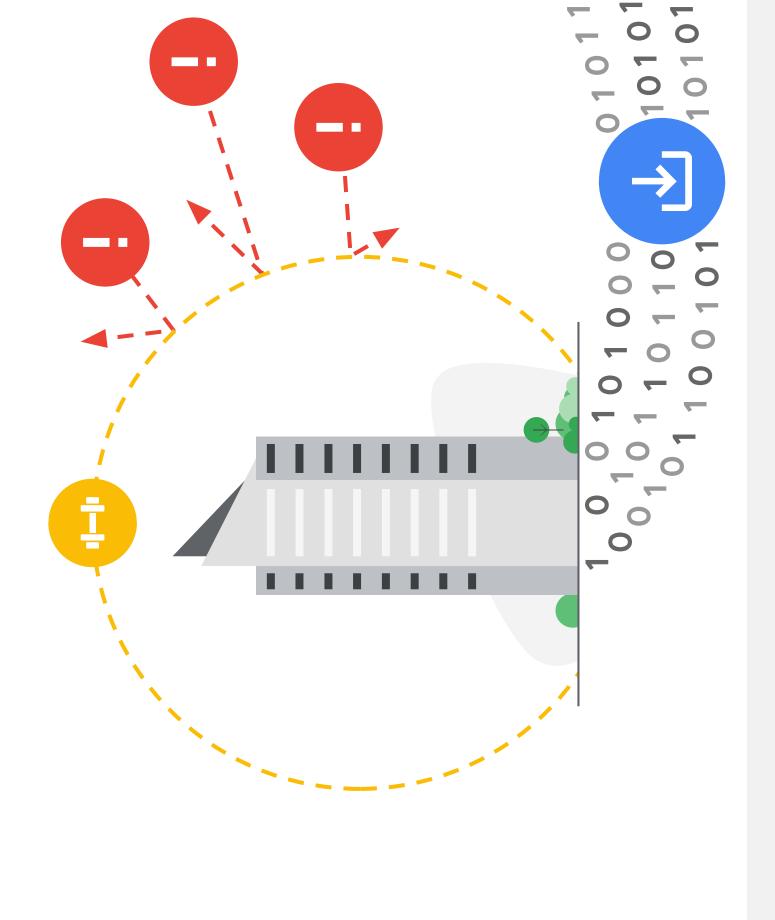


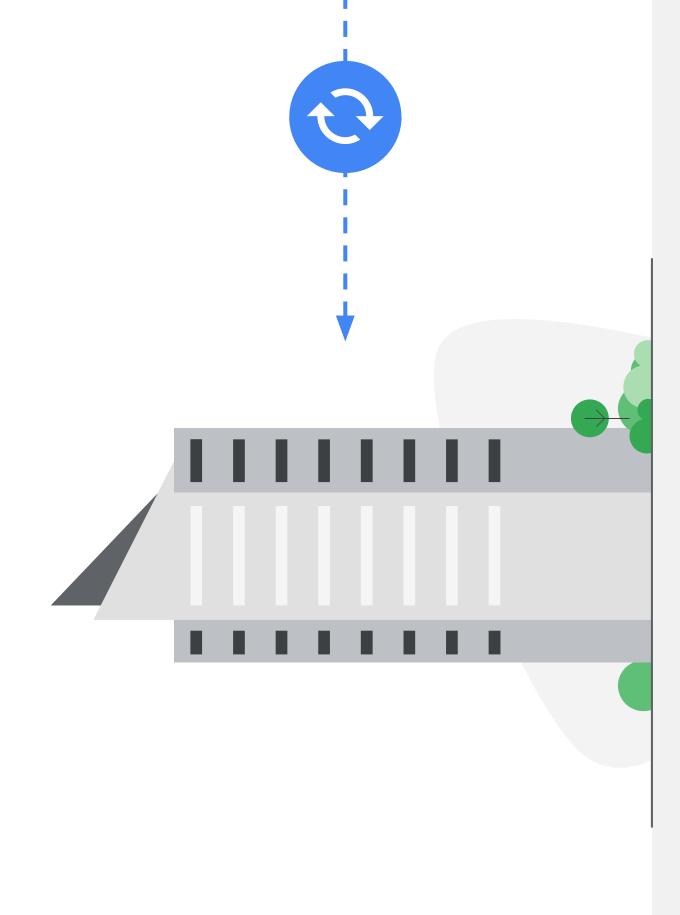




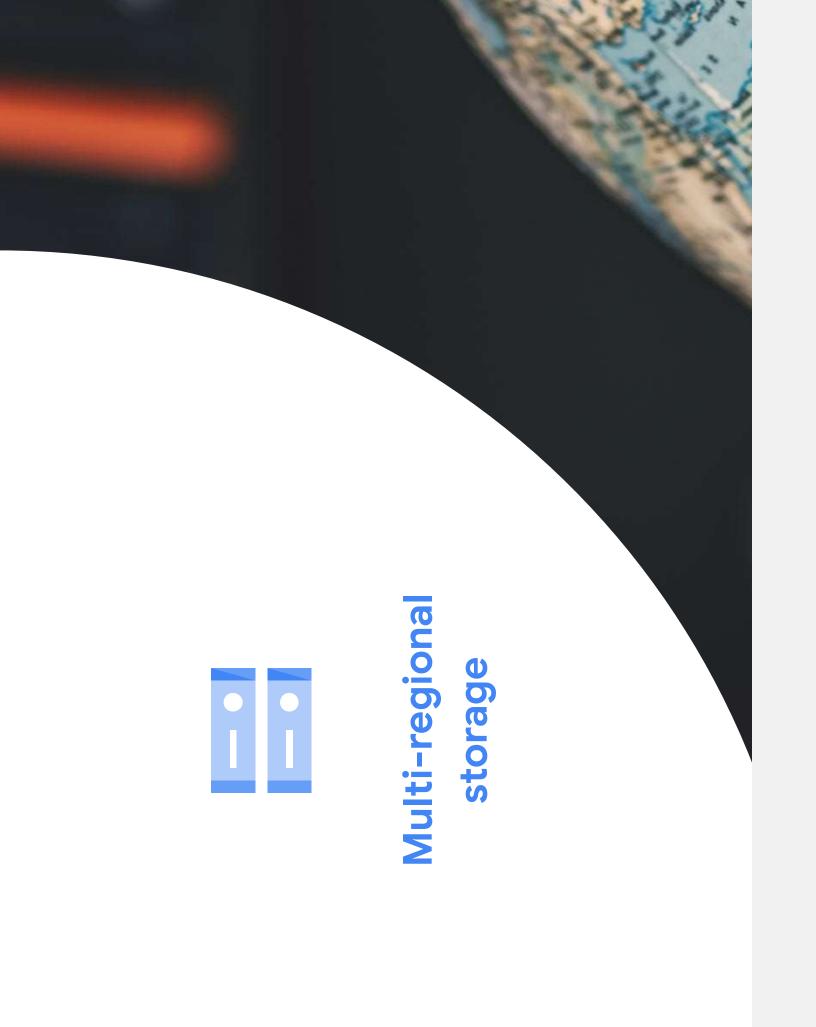
What is a data lake?

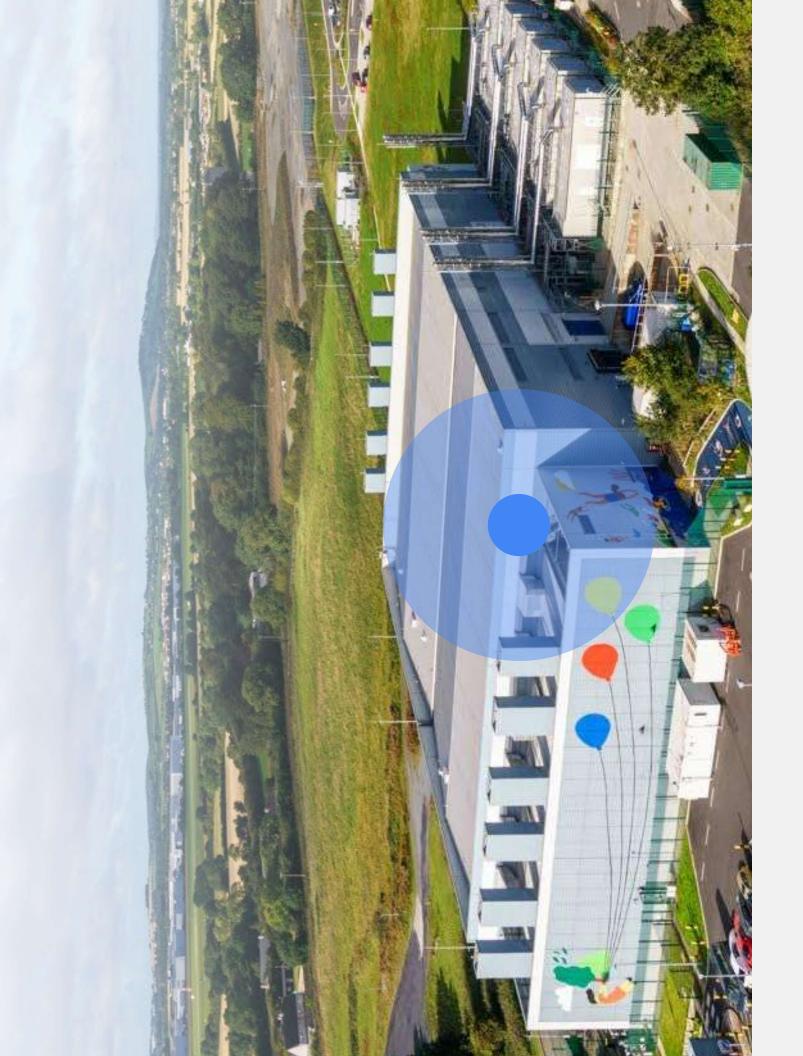
Data lakes are a repository for raw data and tend to serve many purposes.

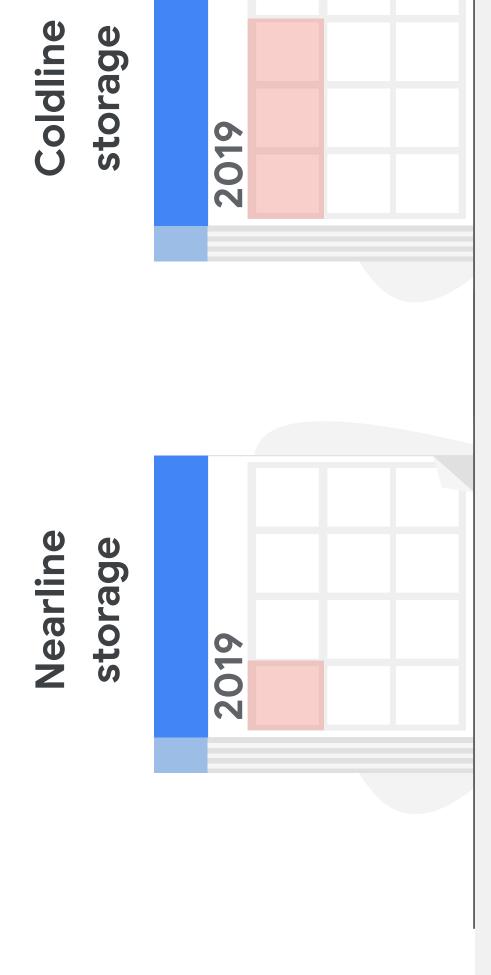


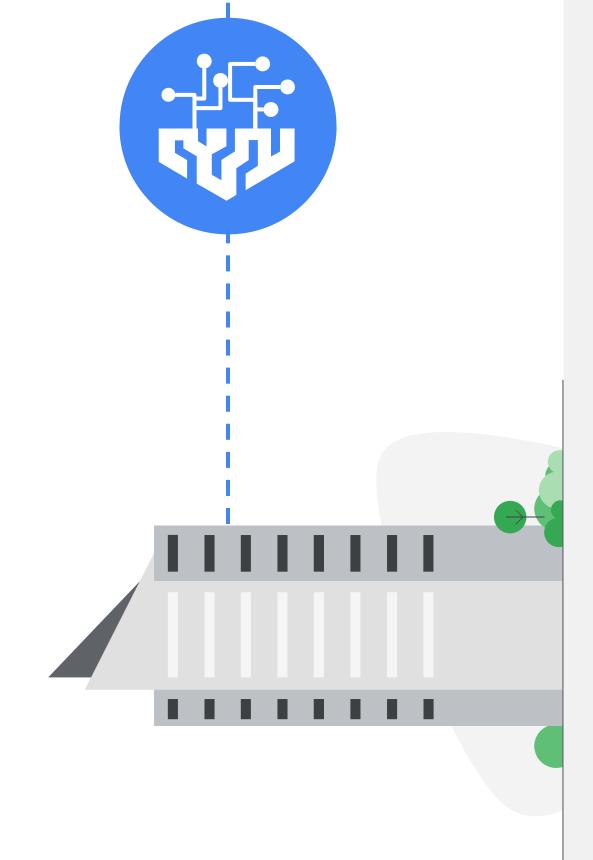


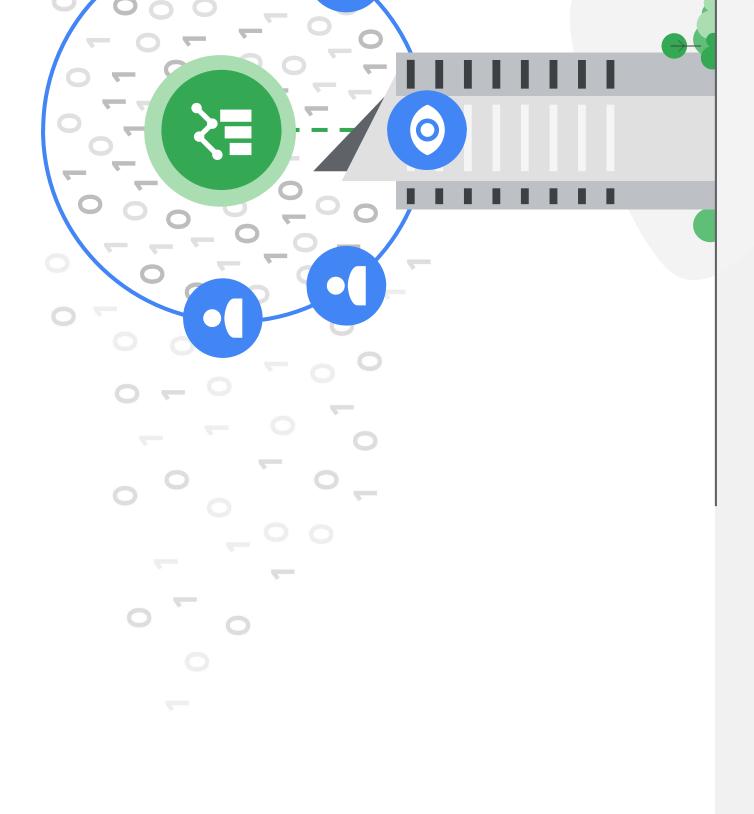
Cloud Storage Benefits



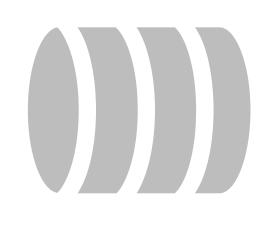


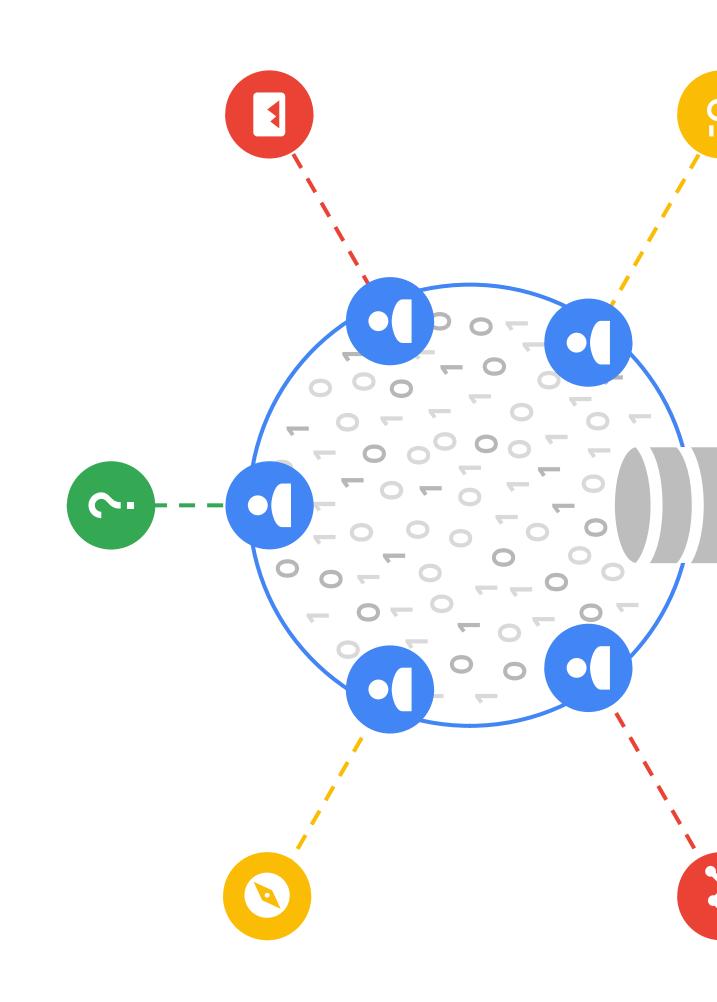






SO SEE

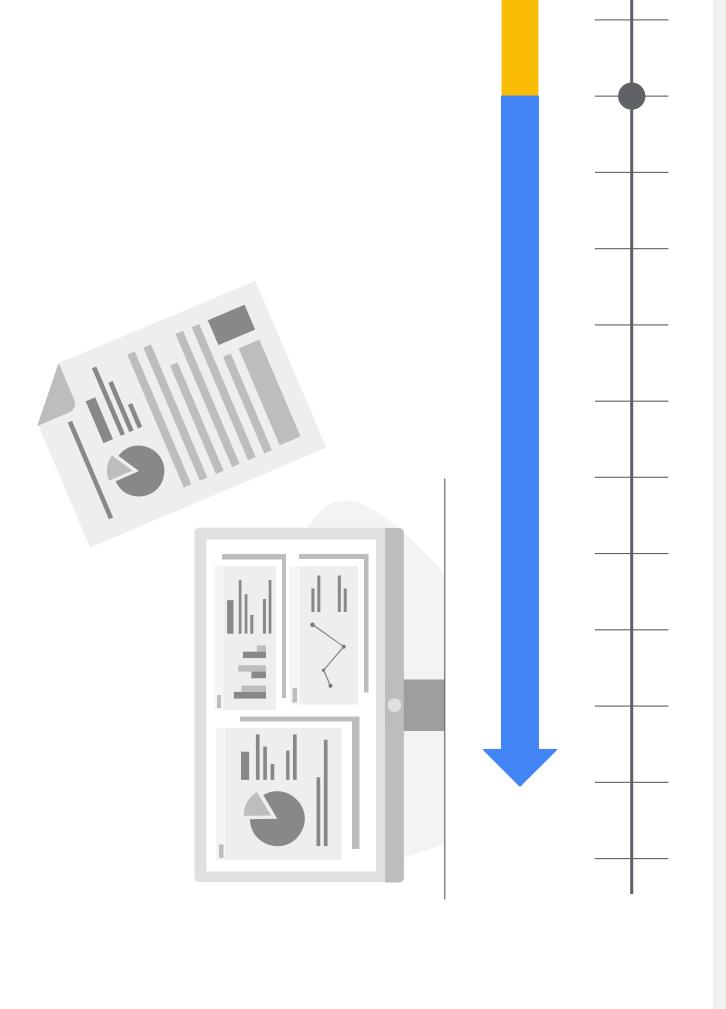






Module 3: Student Slides

Innovation with Machine Learning



Artificial intelligence



Machine Learning







Algorithm









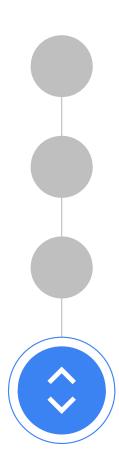


Algorithm

```
= parame-less (greeting, 1);

| All this = parame-less ('name' 1);
| All this = parame-less ('name' 1);
| All this = parame-less ('name' 1);
| All this = parame-less ('name' 1);
| Custom link register = parame-less ('link rew teacount', '');
| Custom link forgot password = parame-less ('link forgot password', '');
| Scustom link forgot password = parame-less ('link forgot password', '');
| Scutling | Sparame-less ('outlineType', 'rounded-white');
| Soutling | Sparame-less ('outlineType', 'rounded-white');
| Sanchor = sparame-less ('unchor', 'auto');
| Sanchor = sparame-less ('unchor', 'auto');
| All parame-less ('unchor', 'auto');
| All parame-less ('nnchor', 'auto');
| Stype = modCaloginHelper::getRoundEus(sparame, Stype);
| StoadScripts = modCaloginHelper::loadScripts ('mod_calogin'); // set seture = modCaloginHelper::getRoundens, Stype);
| StoadScripts = modCaloginHelper::getRoundens, Stype);
| StoadScripts = modCaloginHelper::getRoundens, Stype);
| StoadScripts = modCaloginHelper::setRogotUsernameLink (Sdefine_link Storgot username Link Storgot username Link Storgot username Link = modCaloginHelper::setRogotUsernameLink (Sdefine_link Storgot password Link = modCaloginHelper::setRogotEasswordLink (Stuttom_link Storgot username Link = modCaloginHelper::setRogotEasswordLink Stoustom_link Storgot username Link Storgot password Link Storgot password Link Storgot password Link Stoustom_link Storgot password Link Stoustom_link Storgot password Link Stoustom_link St
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Traditional software



Data cleanliness

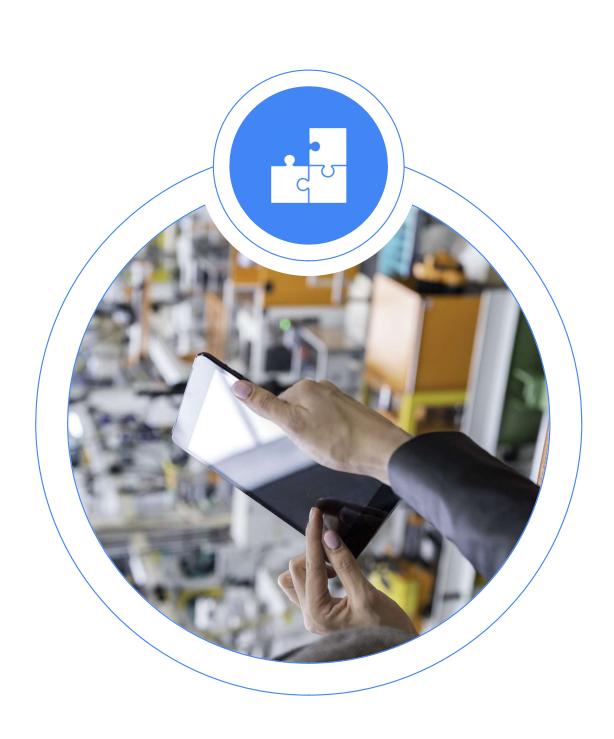


Data completeness

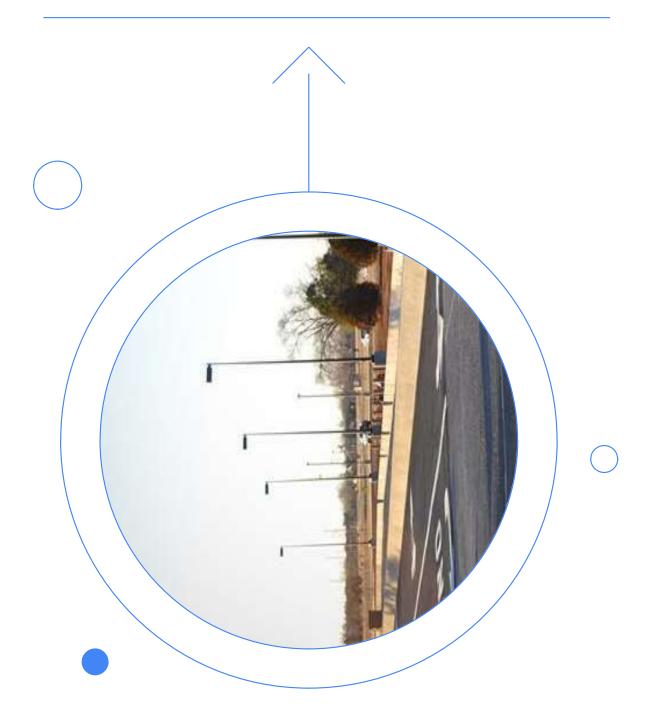


Mist

Poo









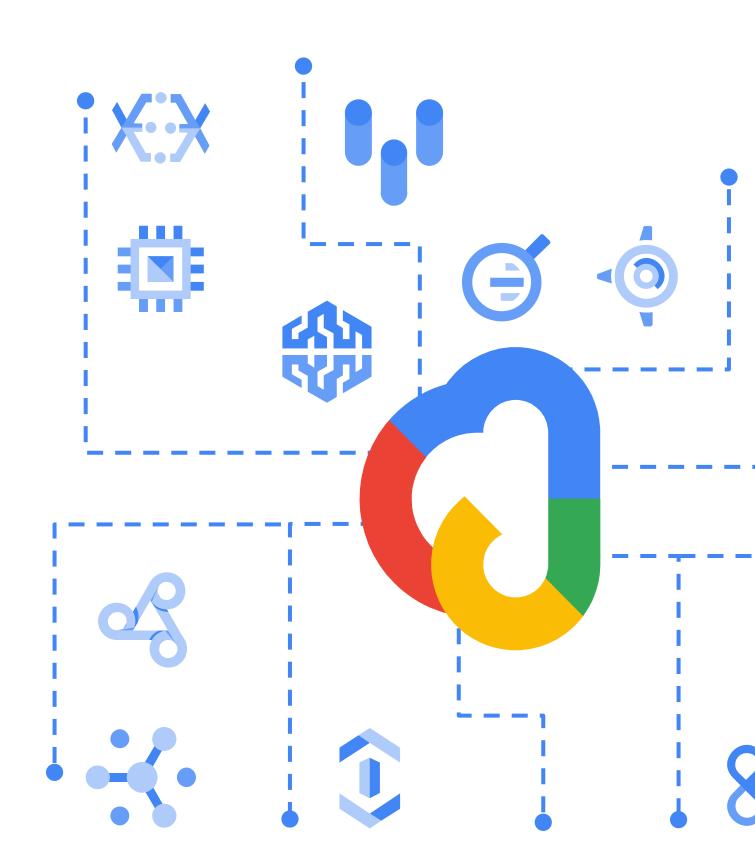
Improve coverage?

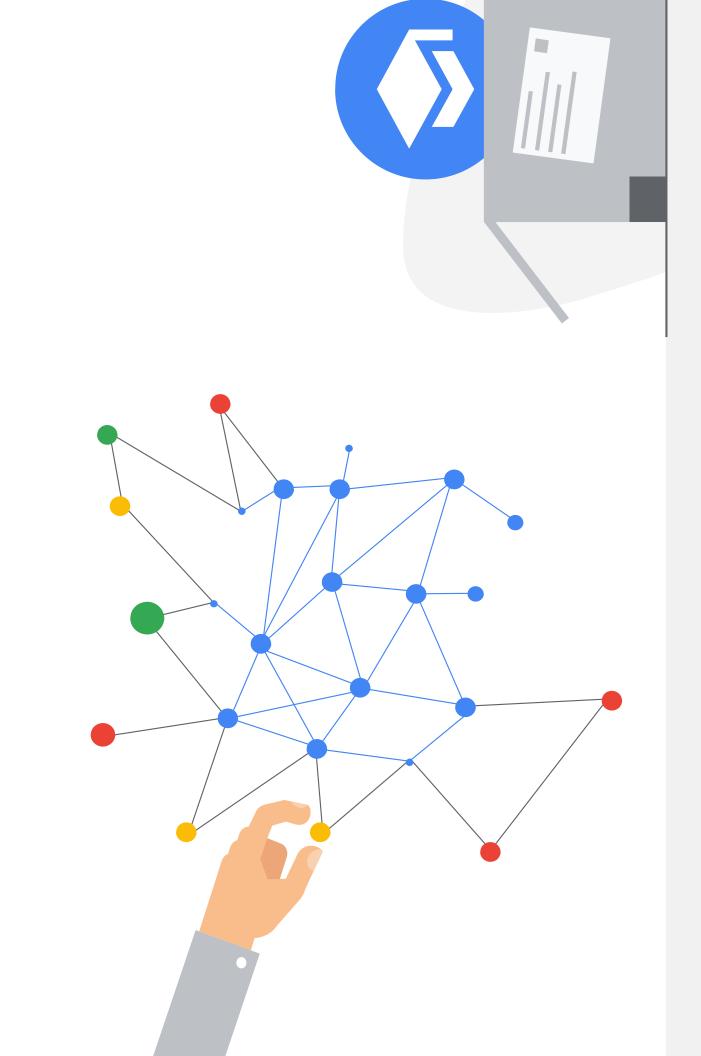


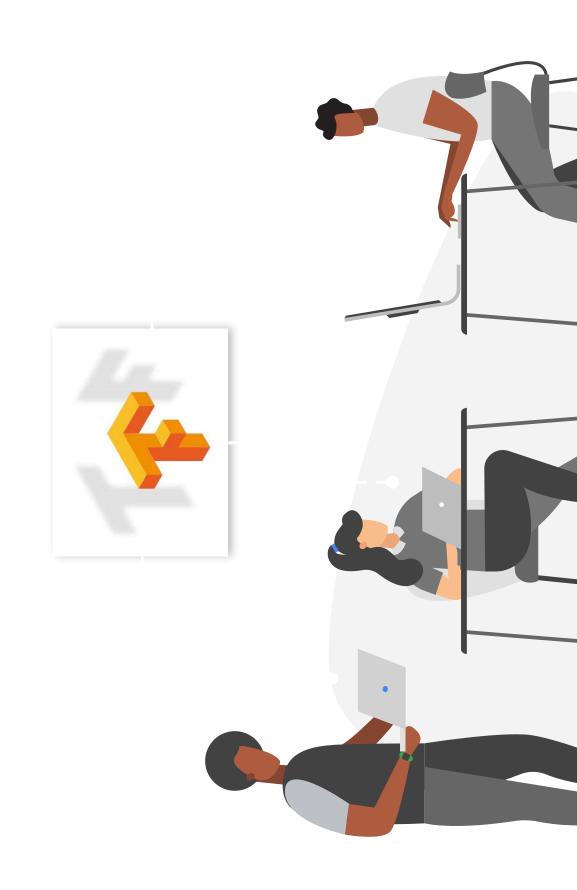
Improve cleanliness?



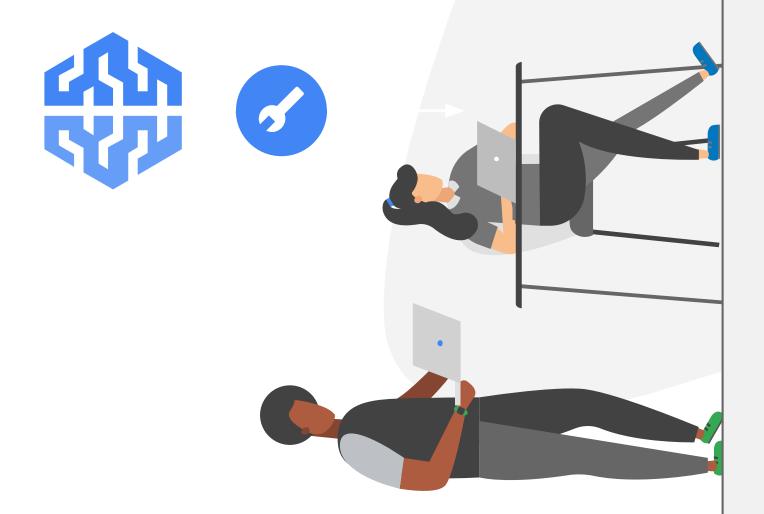
Make data complete?

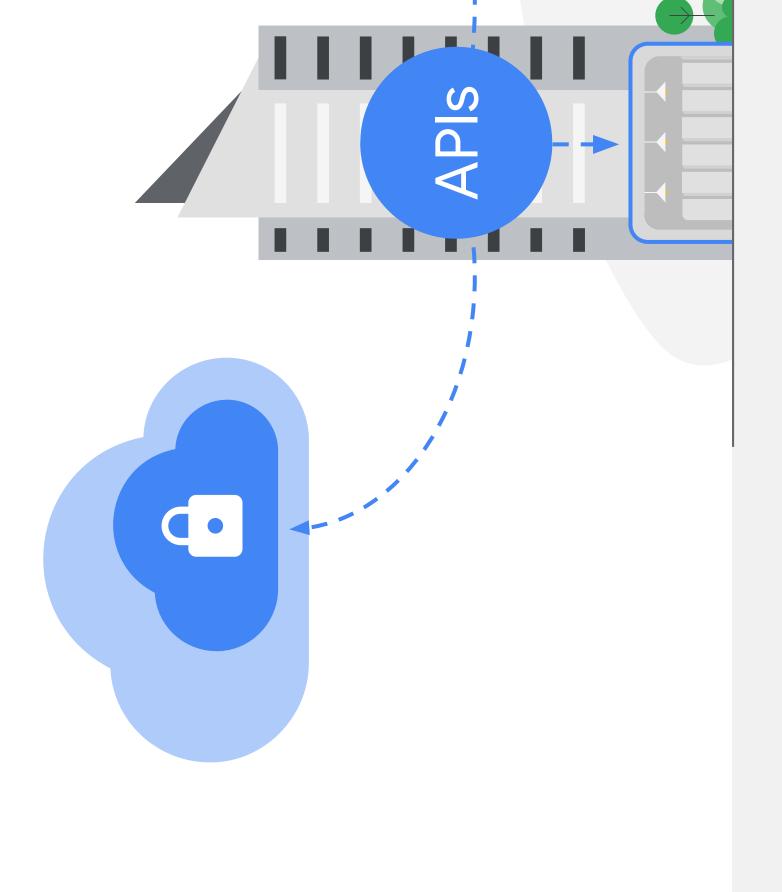






TensorFlow by 15-30x. Because TensorFlow takes advantage of Tensor Processing Units (TPU), you pay only for what you use, hardware devices designed to accelerate ML workloads with there's no up-front capital investment required.





customize responses to behavior. problems that ML is particularly new business value when it can ML is uniquely placed to create action and processes, and to learn from data to automate The four common business suited to solving are: