

Google Cloud

LOTS of ML and Big Data tools.

- Examples Given:

- Data Loss Prevention API (DLP) - auto scrubbing.

- Auto ML Vision API - image learning

- Upload images, train, deploy, and generate predictions

- BigQuery - RDBMS - managed

- Use SQL to search HUGE amounts of data

- Queried all of GitHub for package.json and inside what is the top npm dependency in a couple minutes.

TESTING!

Best Practices

- Testing isolated small pieces of code - Most should be unit tests
- Async tests - Promise (microtask), Timer, XHR (HttpClient)
 - Tests can complete too early. Use “done();”
 - Async await
 - done(); can’t handle errors. Use **async await**.
 - You get an opportunity to write an asynchronous code in synchronous fashion.
- fakeAsync
 - looks async but is synchronous
 - tick() simulates the asynchronous passage of time.

Future

- AOT Test - use aot mode in unit test, much faster.

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