

Emerging Technologies


Paul Spain
Gorilla Technology





PAUL SPAIN

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 **3 NEWS**

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Overview

- 1) What's here now
- 2) What's coming up
- 3) How to use it

Initial Autonomous Vehicles





Hi there.

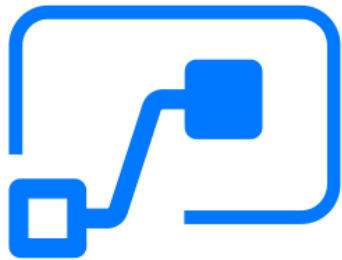
GORILLA 

3D

Printing



APIs and Automation



Flow

ASB



UBER

*
zapier

FLEXPORT

New Zealand Post



xero

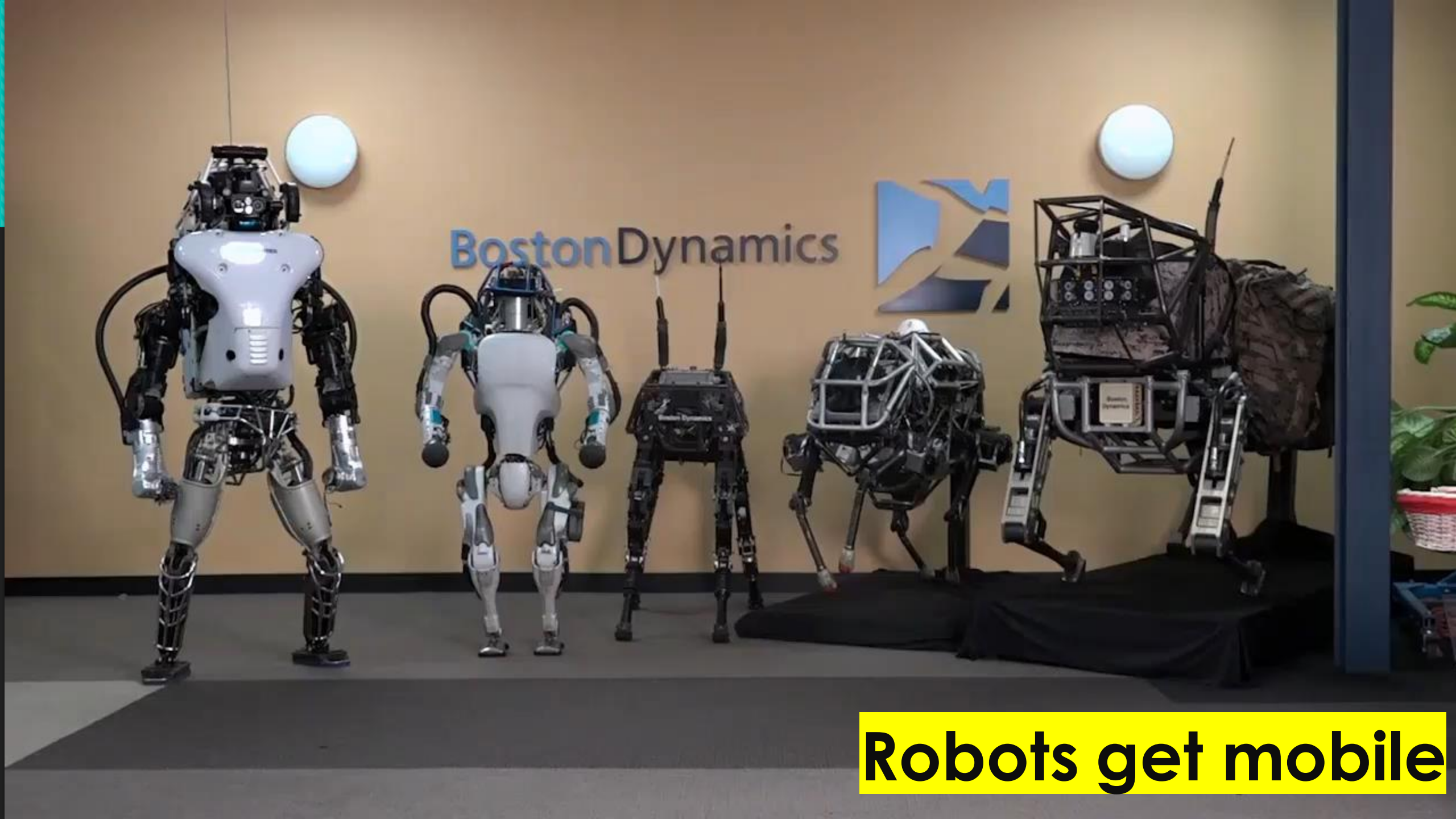
Robotics



Costs falling

Robots vs People, or Robots helping

Boston Dynamics: Terminator or
mainstream tech for the workplace...



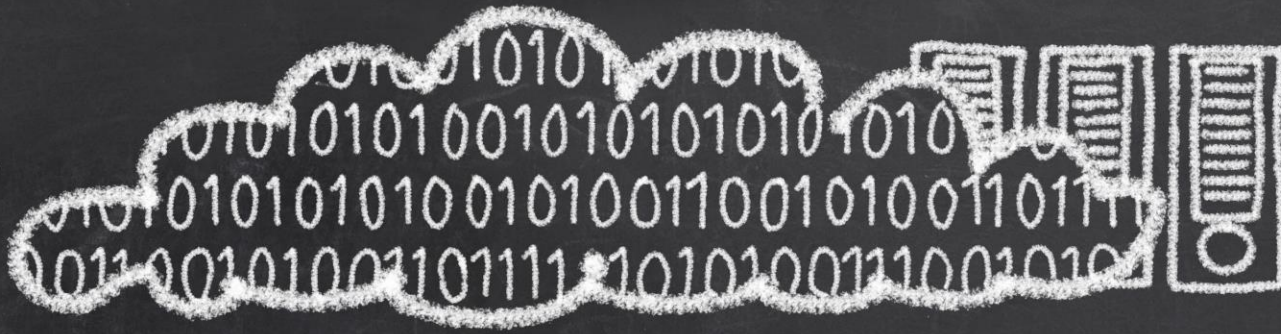
Boston Dynamics



Robots get mobile

E-LEARNING





BIG DATA



VOLUME

DATA SIZE



VELOCITY

SPEED OF CHANGE



VARIETY

DIFFERENT FORMS
OF DATA SOURCES



VERACITY

UNCERTAINTY OF
DATA

Business Intelligence & Data Analytics

My Workspace

Filter content

Dashboards

- Financial Sample
- Retail Analysis Sample

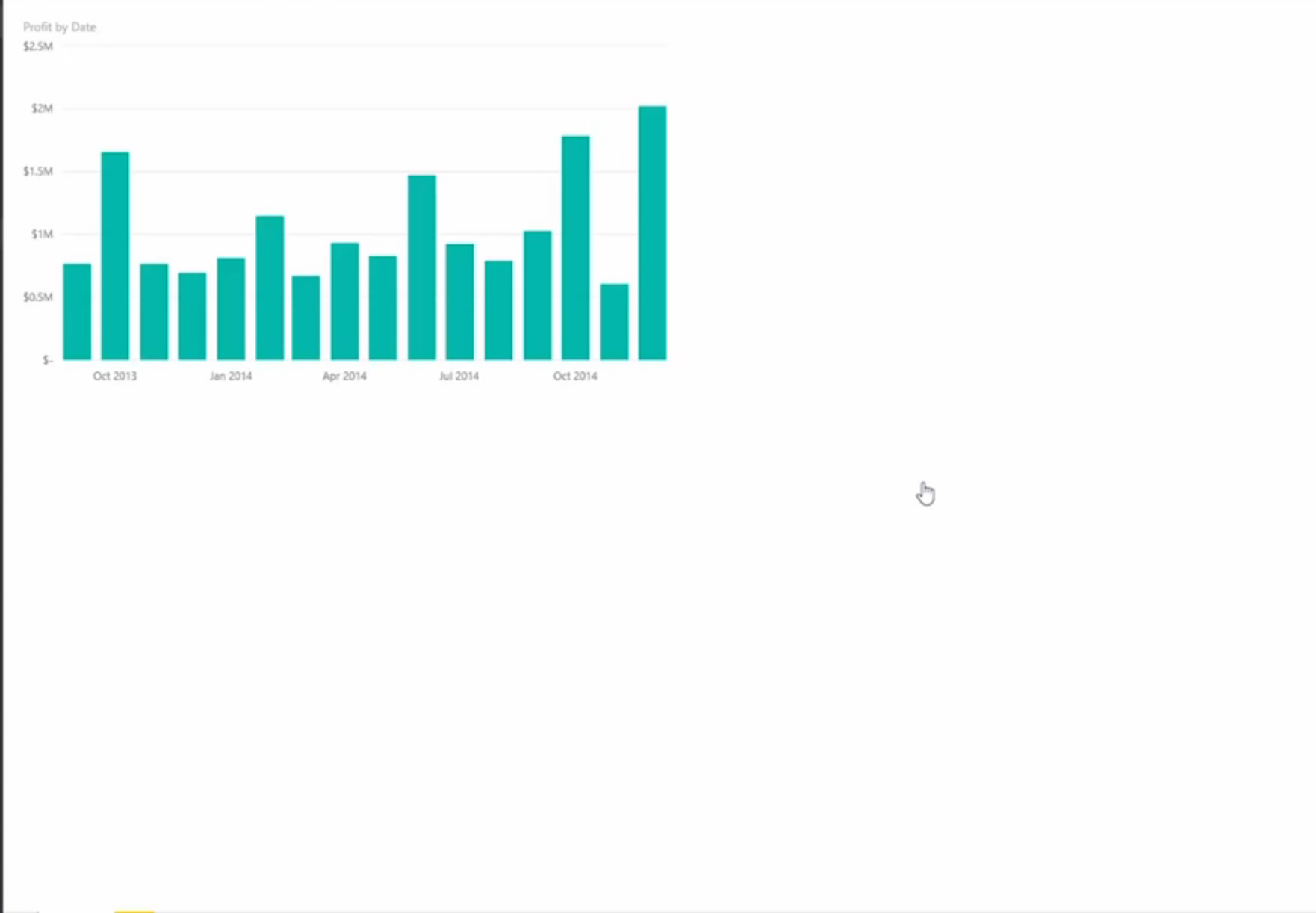
Reports

- My Financial Sample Rep...
- Retail Analysis Sample

Datasets

- Financial Sample

Get Data



Visualizations

Filters

Page Level Filters

Drag data fields here

Fields

- financials
 - COGS
 - Country
 - Date
 - Discount Band
 - Discounts
 - Gross Sales
 - Manufacturing...
 - Month
 - Month Name
 - Month Number
 - Product
 - Profit
 - Sale Price
 - Sales
 - Segment
 - Units Sold
 - Year



Cyber Security Risks

SaaS Malware!

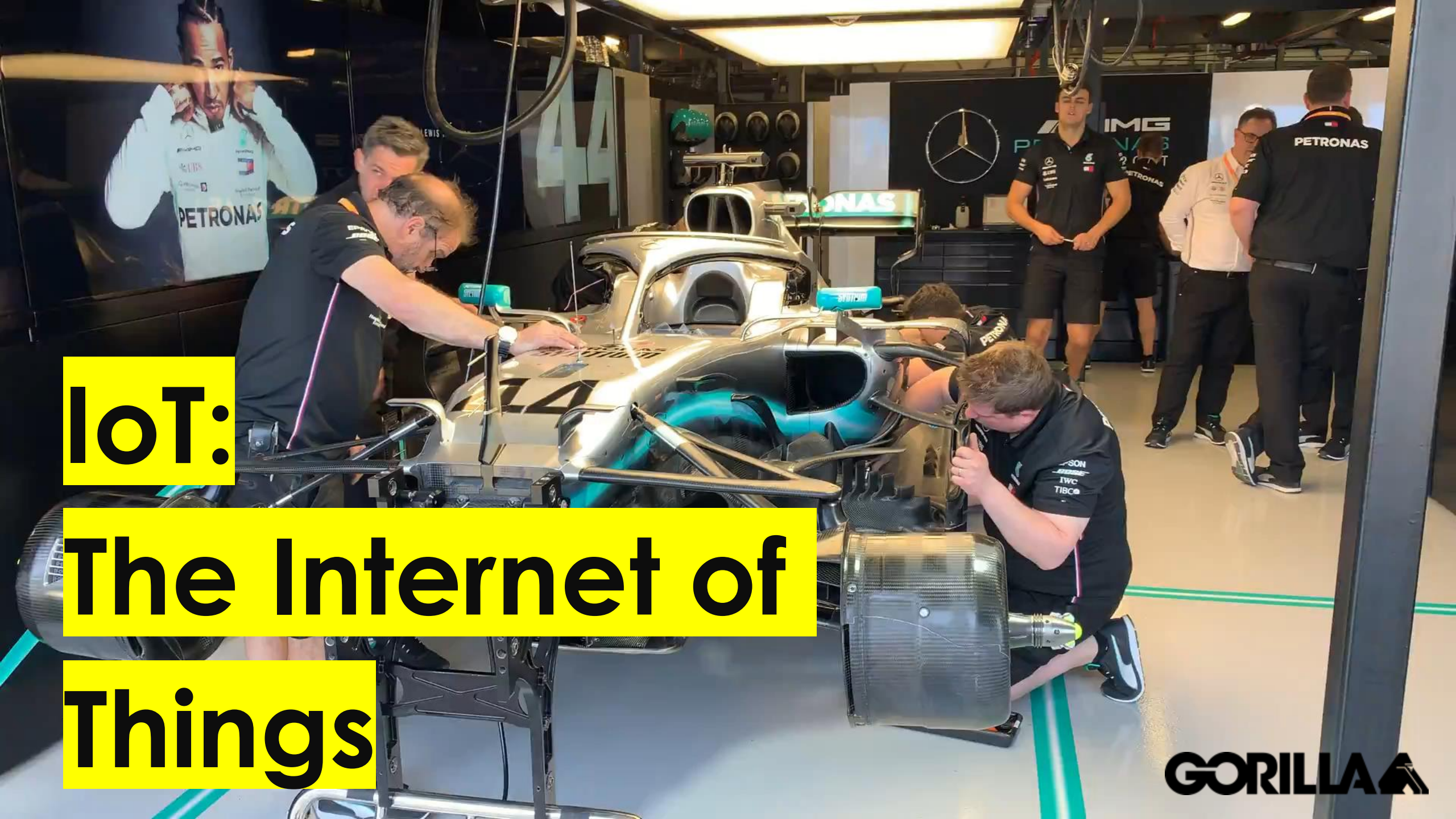


Hardware: Drones, Exoskeletons + more





Blockchain



IoT:

The Internet of

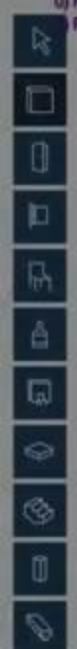
Things

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**What's
coming**



0) Removing dimension Distance Before (0)
Removing dimension Distance After (1)



ZURU™

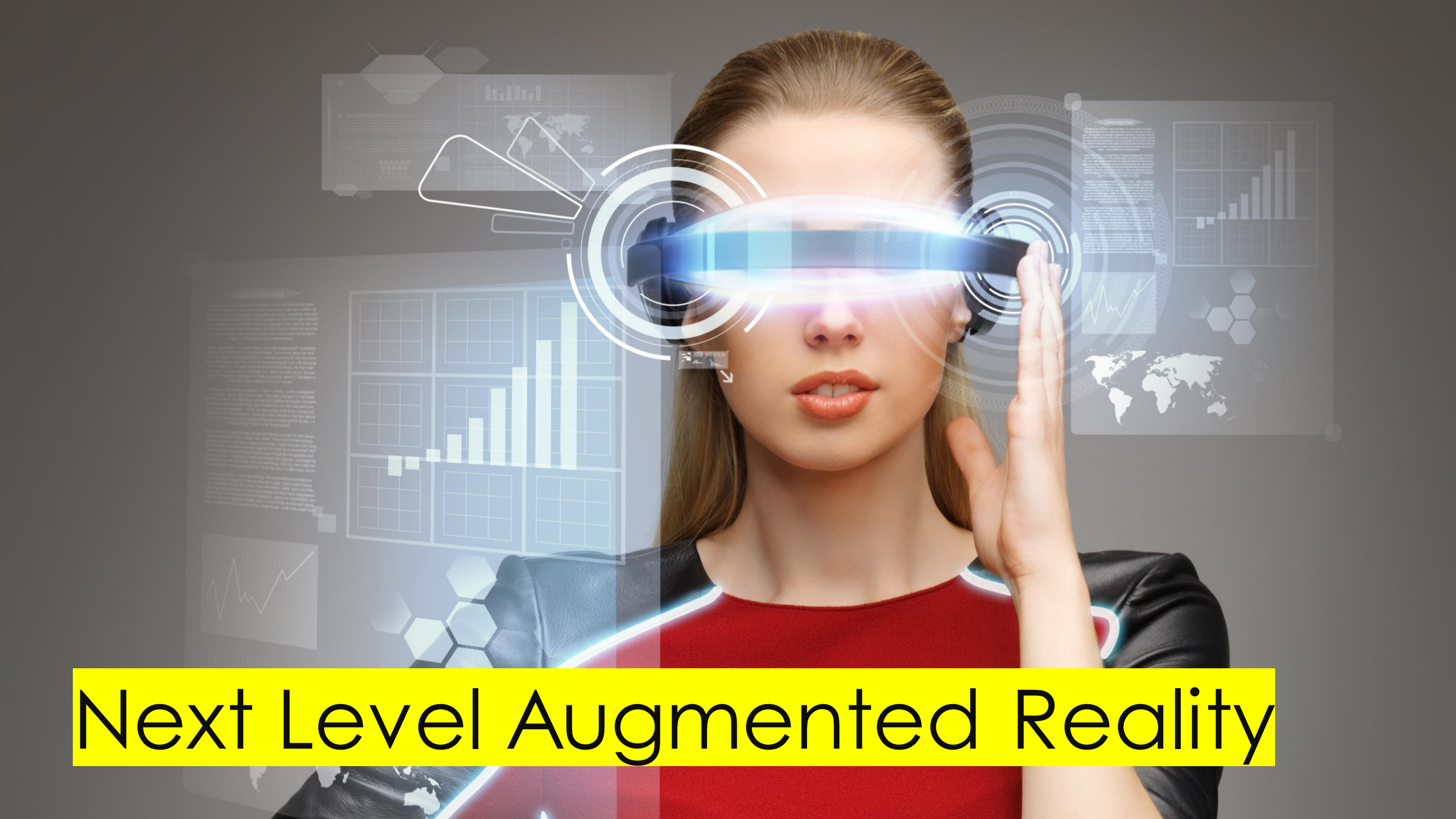
Complex 3D Printing at Speed

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Ubiquitous Internet



- Google Loon
- 5G mobile internet
- Ultra-Fast Broadband (to 87% of NZ)
- Fast low-cost satellite broadband



Next Level Augmented Reality



AI enabling autonomous rides for all

A man in a dark suit and glasses is speaking at a podium. He is holding a microphone and looking down at some papers. In the foreground, the backs of several audience members' heads are visible, showing they are listening to the speaker. The background consists of dark curtains.

Everyday AI 'Assisted Intelligence'

Photo tagging, drawing from calendar, photos, transcription of speech, auto-connect on LinkedIn with new connections

The image features a stylized brain shape filled with intricate white circuitry and glowing data points. The background is a gradient of dark blue and purple. In the center, the words "Quantum Computing" are written in a bold, red, sans-serif font. The brain's structure is composed of various geometric shapes and lines, representing neural connections and digital pathways.

Quantum Computing

AI, Automation everywhere



Collect e-receipt, automated expense approval, on-charge department, refund employee

**What to
do with
technology:**

**Current &
Emerging**



**Experiment
and look for
use cases**



A photograph of three business professionals in an office setting. A woman with brown hair, a man with glasses, and a woman with blonde hair are gathered around a desk, looking at documents. The man is pointing at a document with a red pen. The background shows office shelves with binders.

Audit.

Build a Strategic Plan.

Iterate.

Better results for...

Clients and

Stakeholders



Better results for...

Donors and

Supporters



**A happier and
more productive
team**



GORILLA 



Enablement

With Apps, Databases and Cloud based tools, Rapid application development

Data Visibility & Reporting

Informing:

- Day-to-day decisions
- Strategy
- Governance

Mitigate

Risks



Take

Action



ANY
QUESTIONS?





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