



**If you don't know AI  
you are going to fail.**



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# Supercharging human potential with AI.



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WHAT IS AI?

**Machines or software  
that can think and  
learn like us.**

## TYPES OF AI



**Generative  
AI**



**Digital  
Humans**



**Natural  
Language**



**Computer  
Vision**



**Robotics**



**Process  
Automation**

# Can't wait to meet Digital Marilyn?

Enter your details below and you'll be the first to know when Digital Marilyn is ready to interact with her fans.

FILL OUT THE FORM





HEALTH & SAFETY.

# Inviol & Vulcan Steel







**GENESIS ENERGY**

**Boosting productivity by up to 5 hours a week using Microsoft Copilot.**

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# Artificial Intelligence to save endangered dolphins.

Maui63.org developed an AI-powered tracking drone to autonomously find, follow, and identify Māui and Hector's dolphins.



**Finance worker pays out \$25 million after video call with deepfake 'chief financial officer'.**

AutoSave Presentation1 Search (Cmd + Ctrl + U)

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1

# Click to add title

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Click to add notes

Slide 1 of 1 English (United States) Accessibility: Good to go

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All Images Videos Shopping News Books Maps More Tools

PPT PDF Word Download Excel Email Simple Social media Google Docs

Any time All results Advanced Search About 1,310,000,000 results (0.76 seconds)

**HubSpot Blog**  
https://blog.hubspot.com > marketing > marketing-plan-t...  
**5 Steps to Create an Outstanding Marketing Plan ...**  
4 Jan 2024 — Our marketing plan template includes space to list out the specific products you compete with, as well as other facets of the other company's ...

**Aha! software**  
https://www.aha.io > roadmapping > guide > strategy-te...  
**11 Marketing Strategy Templates for Annual ... - Aha!**  
11 marketing strategy templates for annual planning · Executive summary · Marketing goals · Target audience · Competitive analysis · SWOT analysis · Product ...  
The key components of... · 10Ps marketing matrix template · Target market template

**Business Victoria**  
https://business.vic.gov.au > Tools & templates  
**Marketing plan template**  
Use the template to develop and execute a marketing strategy, and come up with ways to create services and products that satisfy your customers' needs.

**Shopify**  
https://www.shopify.com > blog > marketing-plan-temp...  
**Marketing Plan Template: How To Create a ...**

**Every industry is being disrupted by Artificial Intelligence.**



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- 👤 (Profile)
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# How should I use AI in my Quarry?

### Pro Search

- Search for information on how to use AI in a quarry
- Identify common use cases for AI in quarry operations
- Evaluate the potential benefits of using AI in a quarry
- Recommend steps to implement AI in a quarry

### Sources

- AI, Digitalization and the Future of Processes in...  
youtube · 1
- Applications of Artificial Intelligence in Mining -...  
linkedin · 2
- [PDF] Future of mining with AI: Building the firms...  
www2.deloitte · 3
- View 8 more

### Answer

#### Using AI in Your Quarry Operations

Artificial Intelligence (AI) can significantly enhance various aspects of quarry operations, from improving efficiency and productivity to ensuring safety and sustainability. Here are some sources:

1.  Pro

AI can optimize various processes within a quarry, such as crushing, grinding, and material



- Search Videos +
- Generate Image +



Search is ↓, Answers are ↑



Copilot



ChatGPT



☀️ Claude 3



perplexity





## ADOPTION

**More than 50% of New Zealand organisations currently use AI.**

**OLIVER WYMAN FORUM 2024**

**84% of employees admitted to exposing  
company IP to Generative AI tools!**

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## KEY CONCERNS

**Security, safety, ethics, bias  
& unemployment.**



**THREE MOST COMMON USE CASES.**





**Connected technologies  
driving innovation.**



# Autonomous Vehicles



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# Predictive Maintenance





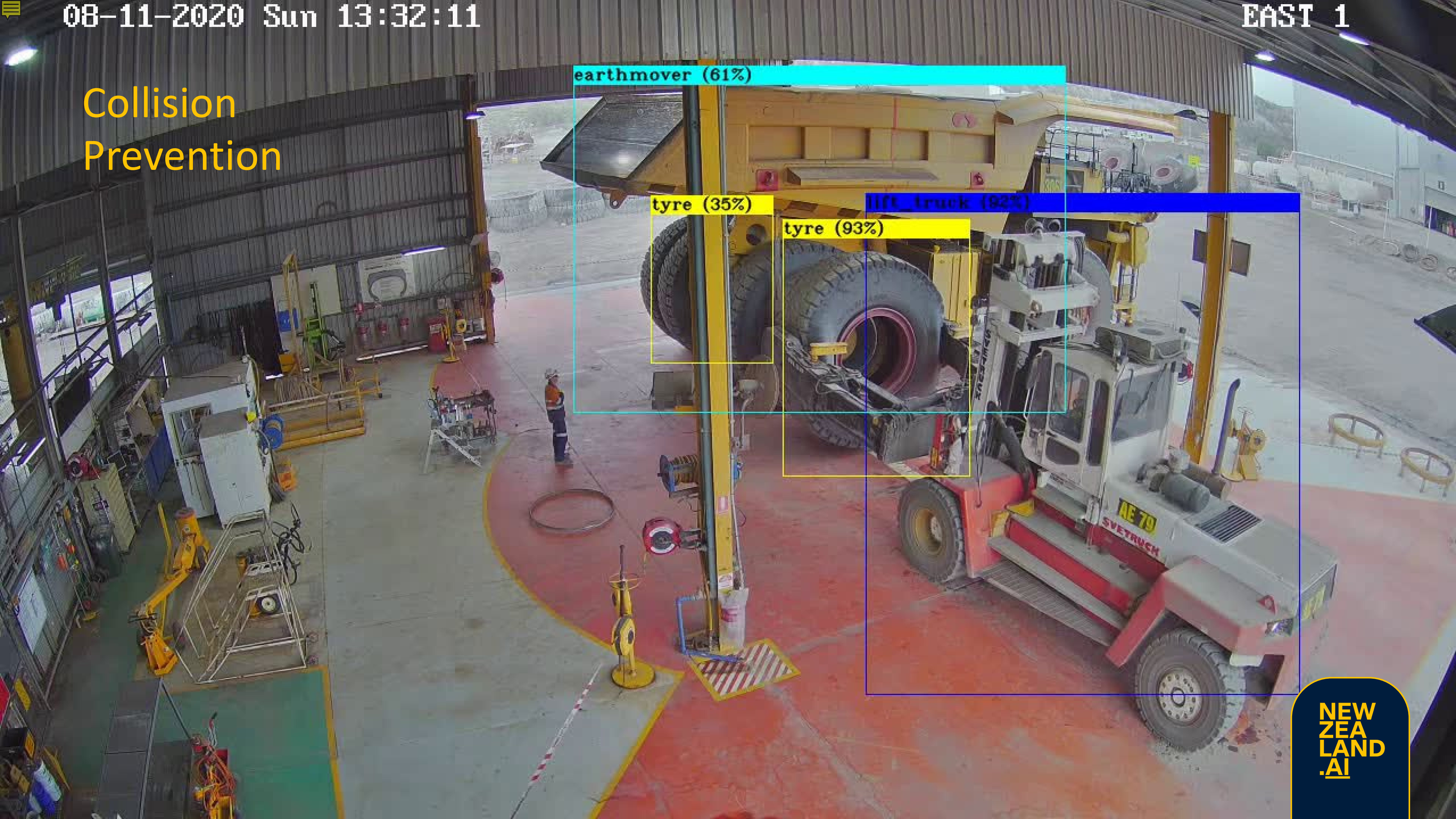
# Collision Prevention

earthmover (61%)

tyre (35%)

lift\_truck (92%)

tyre (93%)



# Precision Quarry Operations



# AI's Impact on Quarry Jobs





## AI LITERACY

**Every employer should be  
providing AI training.**



**AI is not a replacement for knowledge.**

An aerial photograph of a two-lane asphalt road winding through a dense, lush green forest. A single white car is visible on the road, moving away from the viewer. The text "Our AI journey is just beginning..." is overlaid in the center of the image in a bold, yellow font.

**Our AI journey is just beginning...**

The logo for New Zealand .AI, featuring the text "NEW ZEALAND .AI" in a bold, yellow, sans-serif font, enclosed within a dark blue rounded rectangular border.

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# The Great New Zealand AI Roadshow.



Discover why, where and how to leverage AI  
at these practical AI for Business events.

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**We've been helping  
NZ use AI for good  
since 2017.**

**JUSTIN FLITTER**  
FOUNDER

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