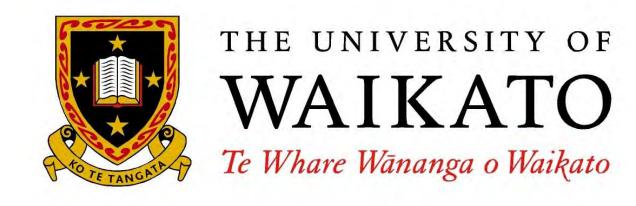
What Are The Long Term Implications Of Al For Humanity?

M2 AI Summit





ChatGPT Sprints to One Million Users

Time it took for selected online services to reach one million users



* one million backers ** one million nights booked *** one million downloads Source: Company announcements via Business Insider/Linkedin







Give a talk on "What Are The Long Term Implications Of Al For Humanity?" in the voice of Albert Bifet





Certainly! Albert Bifet is a well-known figure in the world of data stream mining and machine learning. While I can't perfectly mimic his voice, I can certainly craft a talk in his style, focusing on the long-term implications of AI for humanity, based on his expertise and interests.

"What Are The Long Term Implications Of Al For Humanity?"

By Albert Bifet (as imagined by ChatGPT)

Ladies and gentlemen, esteemed colleagues, and curious minds,

Today, I wish to delve into a topic that is not just close to my heart but is also shaping the very fabric of our society: the long-term implications of Artificial Intelligence for humanity.

HOW REAL IS THE RISK?

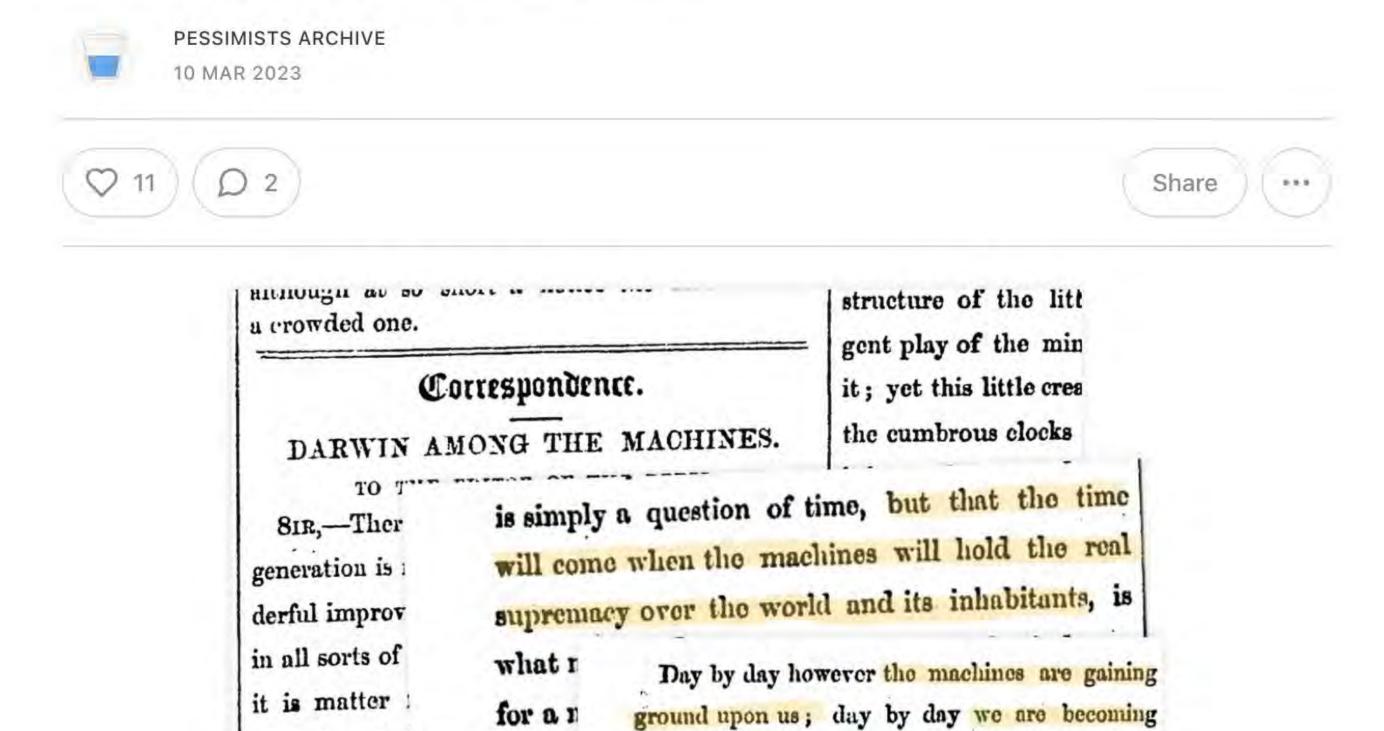
A SPECIAL REPORT



A Warning About AI from 1863 (!)

The Inspiration for Dune's Butlerian Jidhad

grounds. It i. ______.



A century and a half before <u>Eliezer Yudkowsky</u> would warn of an end times brought about by intelligence machines, Samuel Butler did the same in an 1863 letter (<u>1</u>,<u>2</u>) to the editor a New Zealand Newspaper.

more subscrient to them; more men are daily

The Press

Christchurch, Canterbury, New Zealand •
Sat, 13 Jun 1863
Page 1

THE PRESIDENT (1) Comments (2) Comments (3) Comments (4) Comments (4) Comments (5) Comments (5) Comments (6) Comments (

The upshot is simply a question of time, but that the time will come when the machines will hold the real supremacy over the world and its inhabitants is what no person of a truly philosophic mind can for a moment question.

andreessen. horowitz

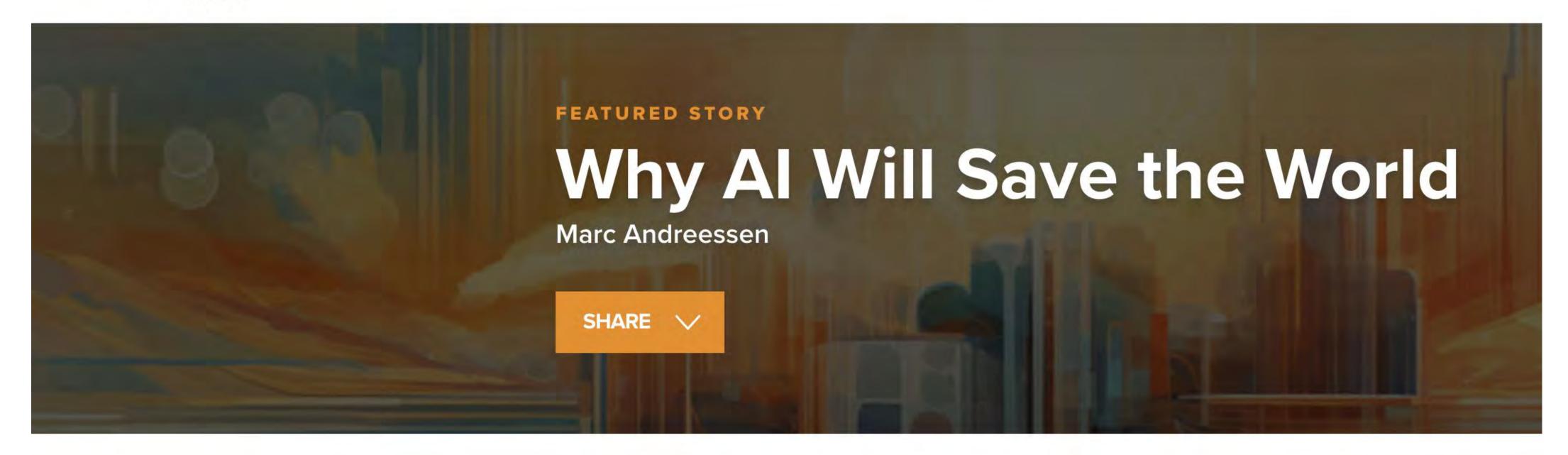


TABLE OF CONTENTS

Al can make everything we care about better

Why the panic?

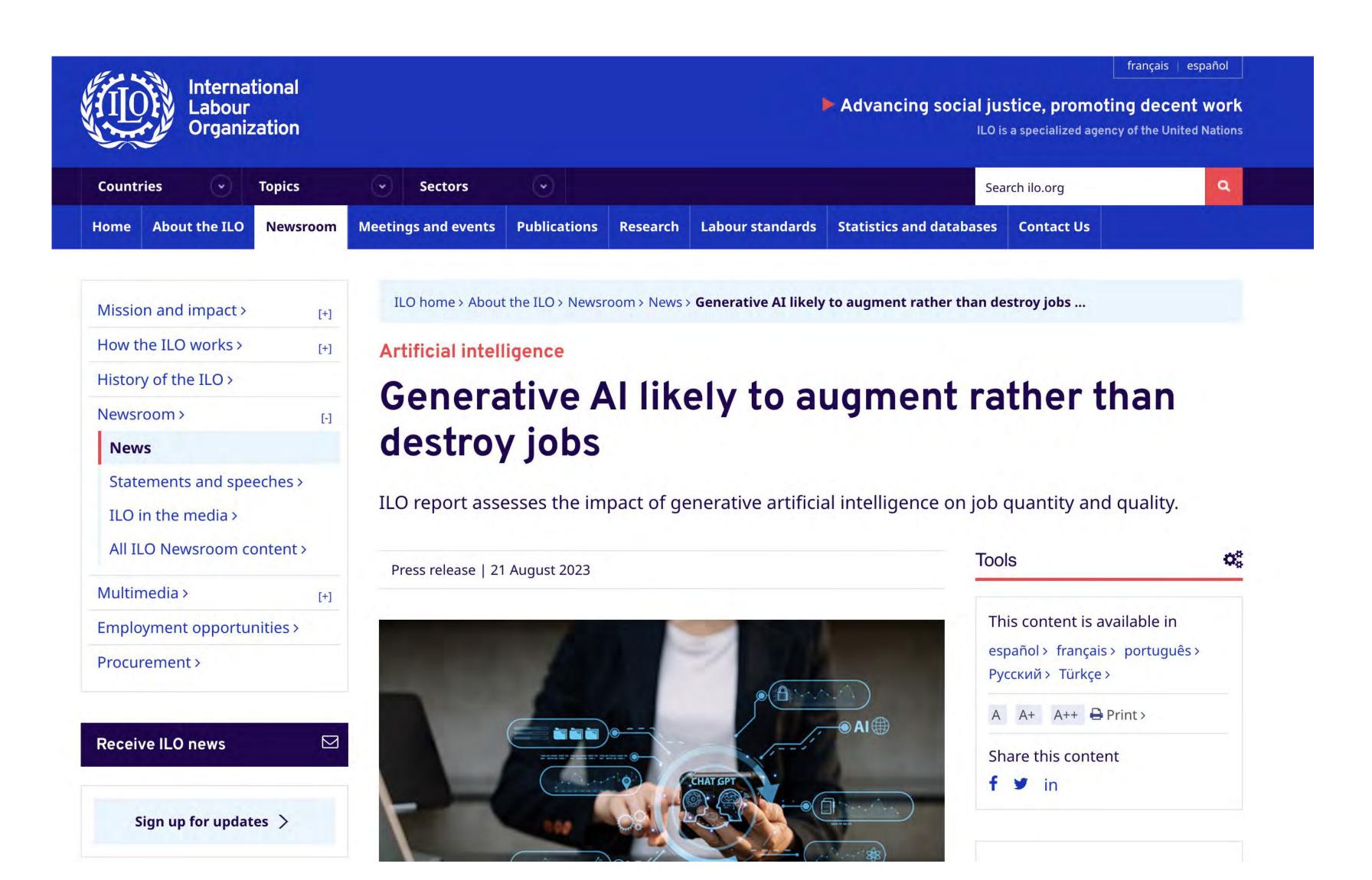
The Baptists and Bootleagers of Al

Posted June 6, 2023

The era of Artificial Intelligence is here, and boy are people freaking out.

Fortunately, I am here to bring the good news: Al will not destroy the world, and in fact may save it.

Generative Al Jobs

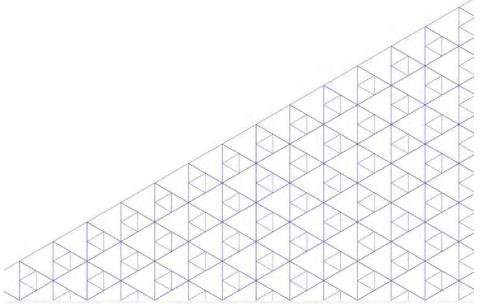




► ILO Working Paper 96

 Generative AI and Jobs: A global analysis of potential effects on job quantity and quality

Authors / Paweł Gmyrek, Janine Berg, David Bescon



Augmented Intelligence

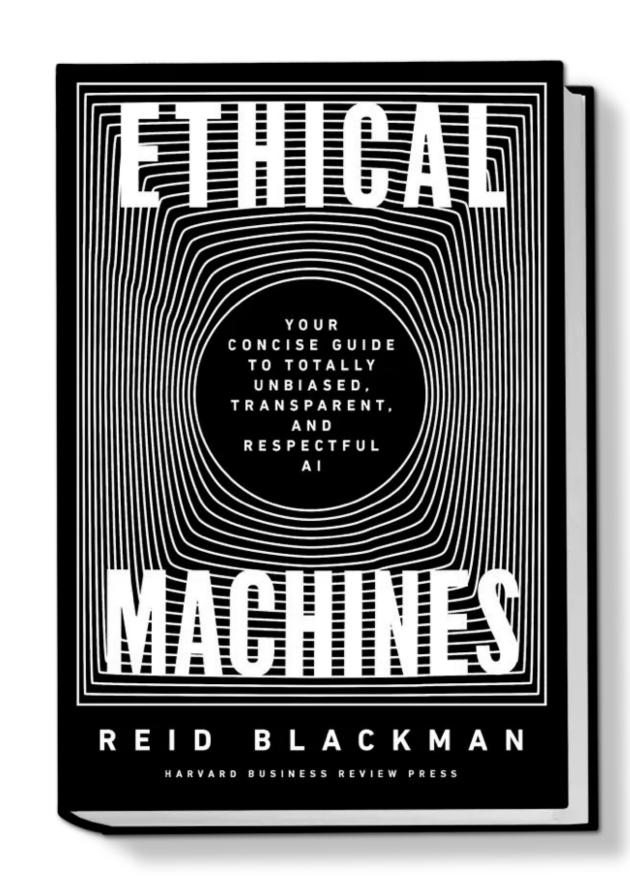
Digital Divide

Non-autonomous Al

Al Ethics

Responsible Al: responsible development and use of Al

- Data
 - Fairness Unbiased
 - Privacy Sovereignty
- Algorithms
 - Explainability



FAccT23

6th Annual ACM Conference on Fairness, Accountability, and Transparency

Chicago, USA

12-15 June 2023

Best Paper Award

Presented to

Zichong Wang, Nripsuta Saxena, Tongjia Yu, Sneha Karki, Tyler Zetty, Israat Haque, Shan Zhou, Dukka Kc, Ian Stockwell, Xuyu Wang, Albert Bifet and Wenbin Zhang

For

Preventing Discriminatory Decision-Making in Evolving Data Streams

Aziz Huq General Co-chair FAccT23





INTERVIEWS

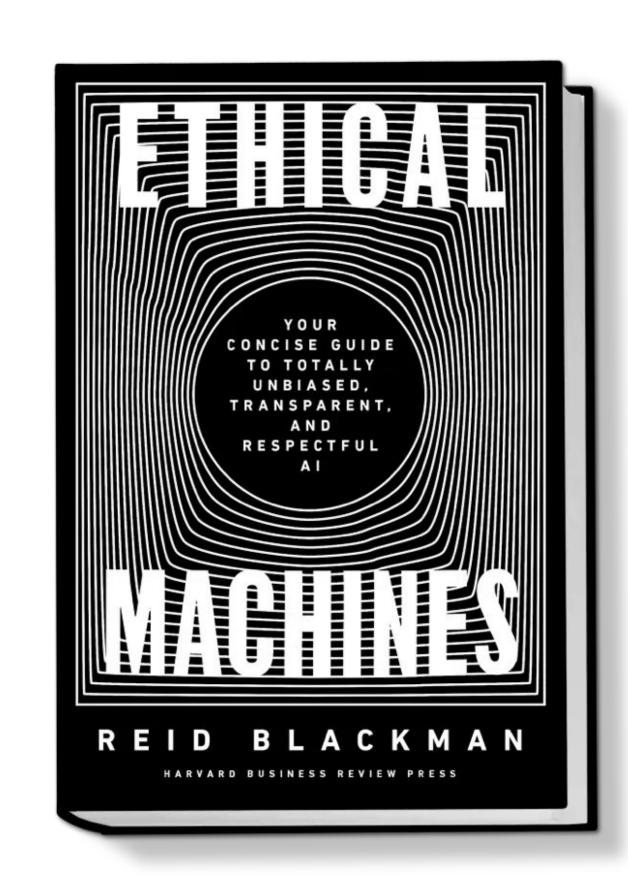
Harari: 'If you want to make a country a colony, don't send the tanks in. Just get the data out'



Al Ethics

Responsible Al: responsible development and use of Al

- Data
 - Fairness Unbiased
 - Privacy Sovereignty
- Algorithms
 - Explainability



Politics Pacific Te Ao Māori Sport Business Country Local Democracy Reporting Comment & Analysis

WORLD

Robodebt: Illegal Australian welfare hunt drove people to despair

3:21 pm on 8 July 2023









By Frances Mao for the BBC



What's next for AI?

- Open Source
 - ChatGPT/Llama
- Centralized/Distributed Architecture
 - Data Lake/Data Mesh
- Energy Efficiency
 - Cloud/Local



Credit: Lisa Sheehan

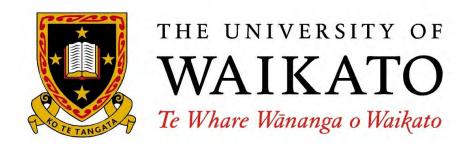


TALACO

Time-Evolving Data Science and Artificial Intelligence for **Advanced Open Environmental Science**



















Tools for analysing data

Platform for organising and accessing data

Communicating and Disseminating

Team:

PhDs and Postdocs

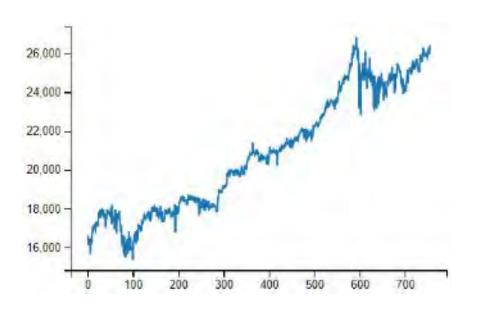
Data scientist(s)

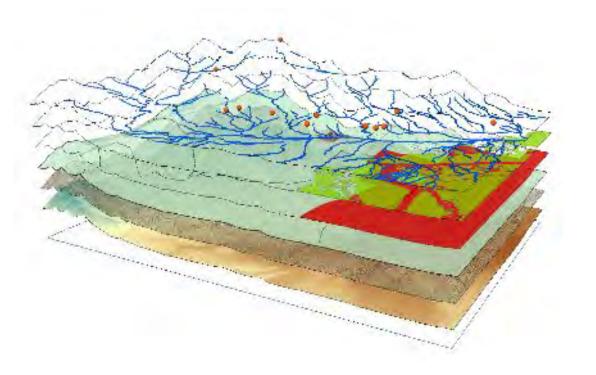
Environmental Scientist(s)

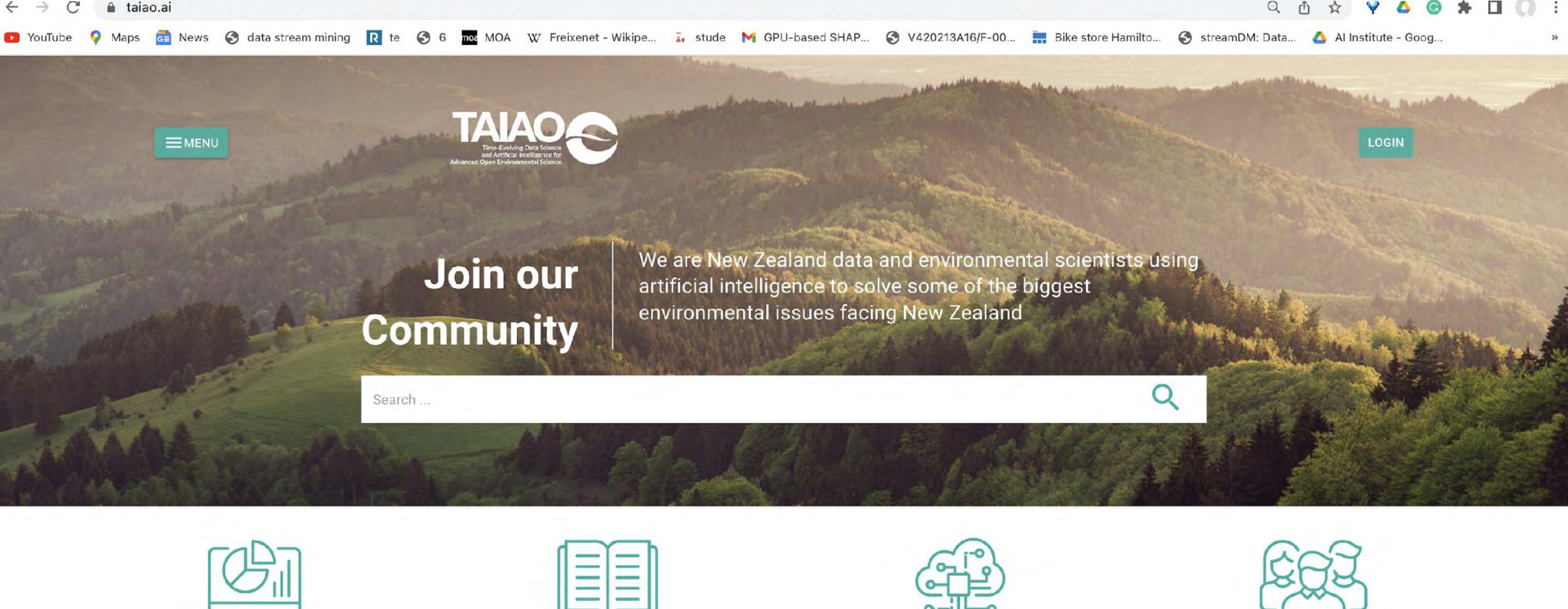
Software Engineer(s)

Datasets:

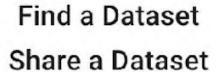
- Large spatial and/or temporal resolution and coverage
- Ideally, ongoing collection
- Mix of currently accessible and to become accessible
- Something that people care about
- Suitable for data science challenges













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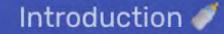












Recipes 🚟

Examples 🥒

API reference

FAQ 🙋

Releases 🏗

Benchmarks 📊

River

A Python package for online/streaming machine learning.

Get started

GitHub



HE AHA TE MOMO? WHAT IS THIS?

He kōmaka momo mō Aotearoa A species classifier for Aotearoa





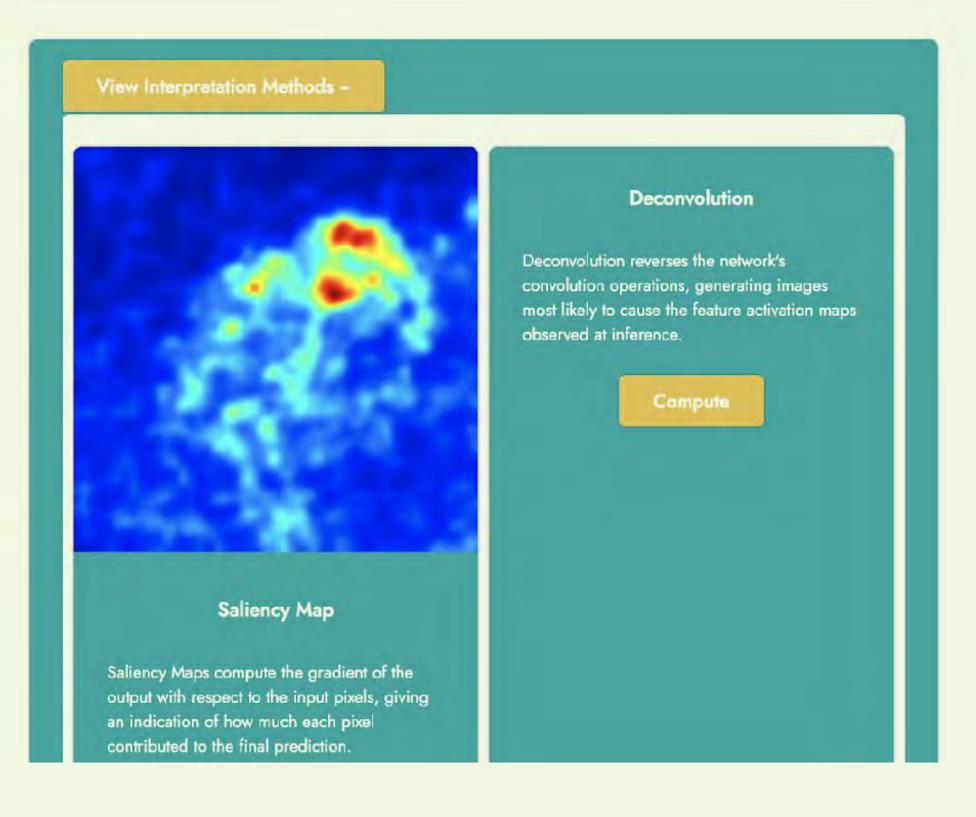




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6

Technical Blog

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Technical Walkthrough

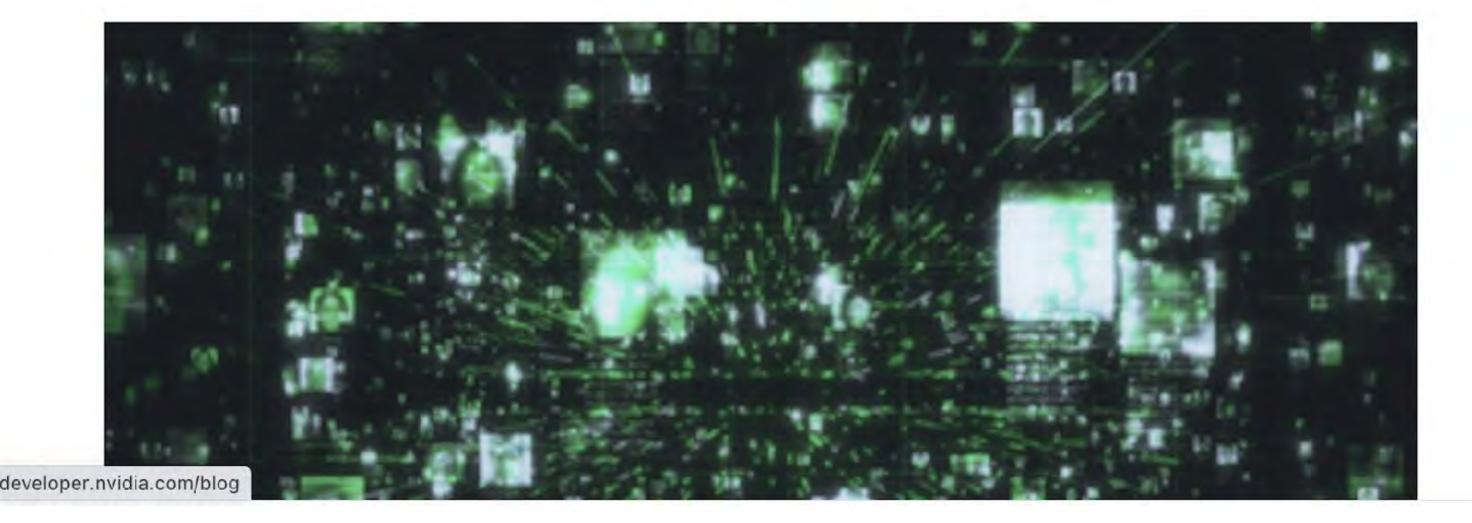
Jul 01, 2022 English >

Speed Up Machine Learning Models with Accelerated WEKA

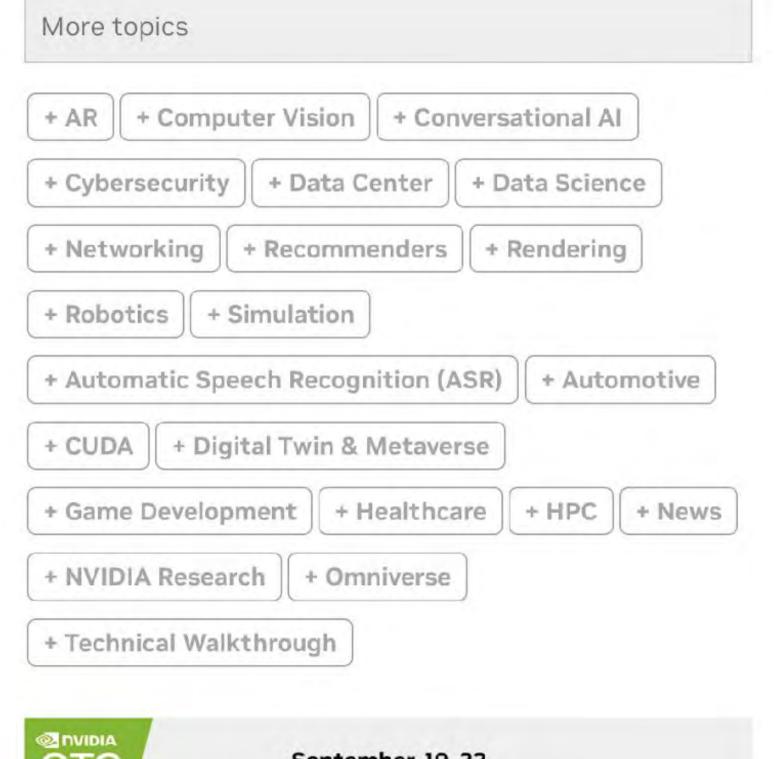
By Albert Bifet, Guilherme Weigert Cassales and Justin Liu

■ Discuss (0) 🕝 Share 🖒 +1 Like

Tags: featured, GPU computing, Machine Learning and Al, open source, RAPIDS, Technical Walkthrough



Topics





September 19-22
Get Hands-On Training

Artificial Intelligence Researchers Association Annual Conference

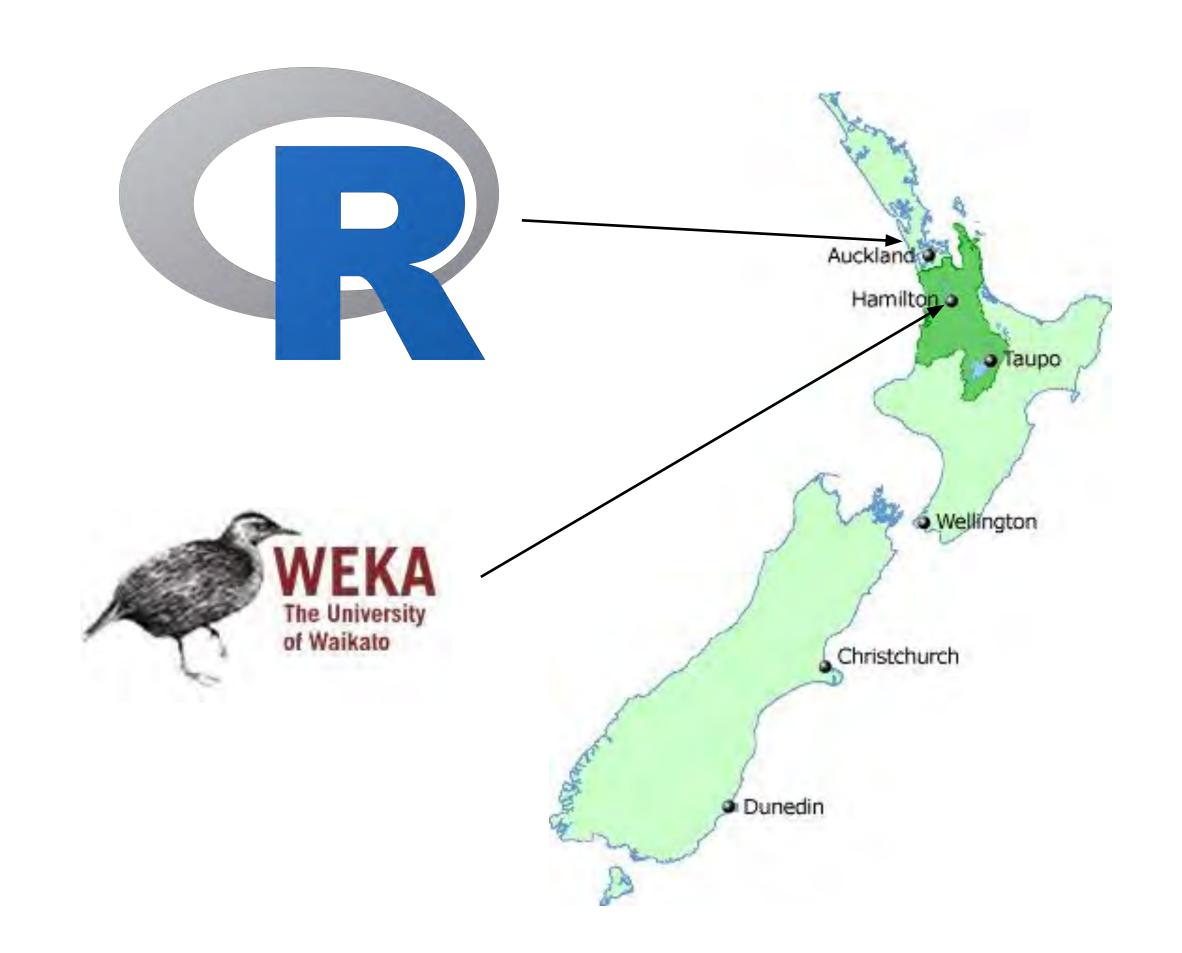




400 members!

New Zealand Al

- R started at University of Auckland
- Weka started at University of Waikato



Discussion and White Papers

DISCUSSION PAPER: ChatGPT & Large Language Models What are the implications for policy makers? Researchers Association Dr Paul Geertsema (Waipapa Taumata Rau / University of Auckland) Prof Albert Bifet (Te Whare Wānanga o Waikato / University of Waikato) Prof Richard Green (Te Whare Wānanga o Waitaha / University of Canterbury)





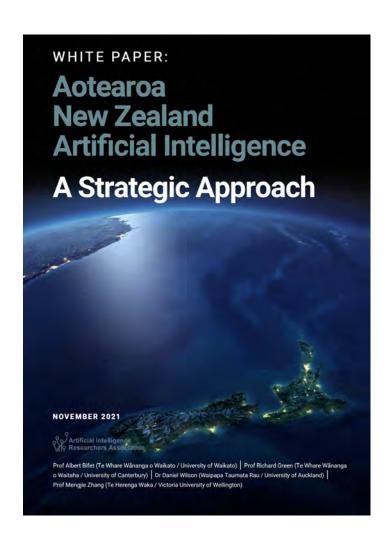
Our vision is that by 2030, Aotearoa New Zealand will have a community of cutting-edge companies producing and exporting AI technologies, supported by a strong network of researchers involved in high-level fundamental and applied research. Our main recommendations are:



White Paper









White Paper



Scientific Research:

Increase funding for public AI research by developing a network of new research centres, hubs, and programmes in basic and applied AI research.



Al Talent Development:

Augment capacity to attract, retain, and train domestic and international AI talent.



Industrialisation of Al Technologies:

Create programmes
to encourage private
sector adoption of AI
technologies, including
investments in strategic
sectors.



Ethical Al Standards:

Create a task force to establish standards and regulations for the ethical use of Al, including culturally appropriate Al.



Data and Digital Infrastructure:

Create an effective national data infrastructure with open data partnerships and datasets, while enabling and supporting Māori data sovereignty obligations, as well as commitments to create test environments and regulatory sandboxes. Al needs a good data infrastructure to be successful.



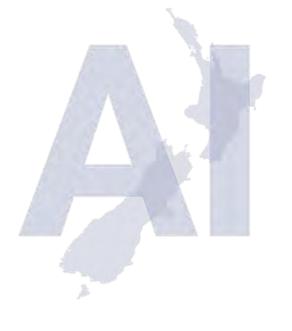
Al in the Government:

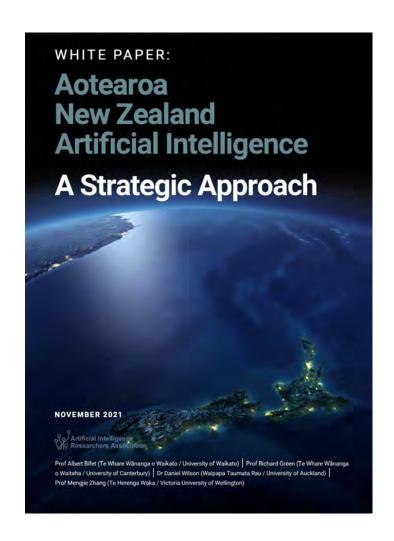
Government leading the adoption of Al in administration, healthcare, infrastructure and regulation in ways that give effect to Te Tiriti o Waitangi.



Inclusion and Social Wellbeing: Use Al

to promote socially inclusive growth and encourage an Al community that is inclusive of diverse backgrounds and perspectives.





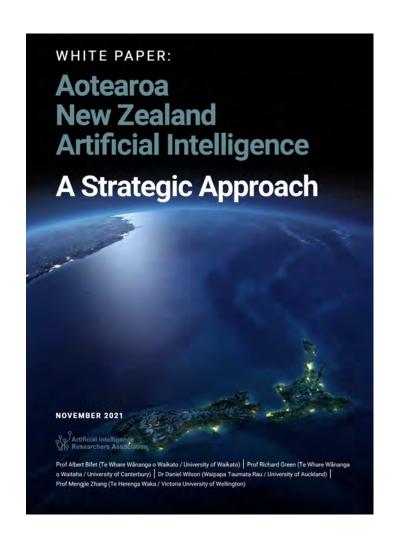


White Paper

Executive Summary

EXECUTIVE SUMMARY

Our vision is that by 2030, Aotearoa New Zealand will have a community of cutting-edge companies producing and exporting AI technologies, supported by a strong network of researchers involved in high-level fundamental and applied research. Our main recommendations are:





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