UPH
UNIVERSITAS PELITA HARAPAN

Generative Artificial Intelligence

In Education

Dr. Eng. Pujianto Yugopuspito, M.Sc.

100 STARTUPS USING ARTIFICIAL INTELLIGENCE TO TRANSFORM INDUSTRIES

CONVERSATIONAL AI/ BOTS
MindMeld · semanticmachines · Maluuba · Mobvoi 出门问问 · KITT·AI · snips · clara · AUTOMAT · X.

VISION
clarifai · Chronocam · Orbital Insight · pilot.ai · Captricity · GROKSTYLE

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UBTECH Dream With Robot · anki · Rokid · dispatch making delivery smart

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CYLANCE · sift science · sparkcognition · deepinstinct · Shift Technology · DARKTRACE

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CORE AI
affectiva · PETUUM · ALGORITHMIA · H₂O · loop.ai Labs COGNITIVE COMPUTING · CognitiveScale THE COGNITIVE CLOUD COMPANY · sentient · Voyager Labs · Numenta · SI SCALED INFERENCE · skymind · vicarious · Digital Reasoning · bonsai · AYASDI

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IOT/IIOT
nanit · KONUX · VERDIGRIS · SIGHT MACHINE Manufacturing Analytics

COMMERCE
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FINTECH & INSURANCE
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OTHER
GIGSTER · prospera · Citrine · BLUE RIVER TECHNOLOGY · ROSS · zymergen · Descartes Labs · gradescope · talla

THE INNOVATION SUMMIT
CB INSIGHTS

Legal Use Cases

LEGAL USE CASES FOR GENERATIVE AI

1. Contract Generation & Analysis
2. Pleadings & Motions Drafting & Automation
3. Predictive Case Analysis
4. Legal Chatbots
5. Translation & Multi-language Support
6. Legal News & Updates
7. Knowledge Management
8. Client Communication & Management
9. Intellectual Property (IP) Management
10. Litigation Financing
11. Continuing Legal Education (CLE) & Training Preparation
12. eDiscovery & Evidence Review

Ilustrasi

AI/Machine Leaning Lifecycle

The AI/Machine Learning Lifecycle

Christopher S. Penn | @cspenn | @TrustInsights | cspenn.com | TrustInsights.ai

Project Review · Business Requirements · Analytics Approach · Data Requirements · Data Collection · Exploratory Data Analysis · Data Preparation · Model Selection · Model Evaluation · Model Deployment · Model Tuning

Planning
Data
Development
Deployment
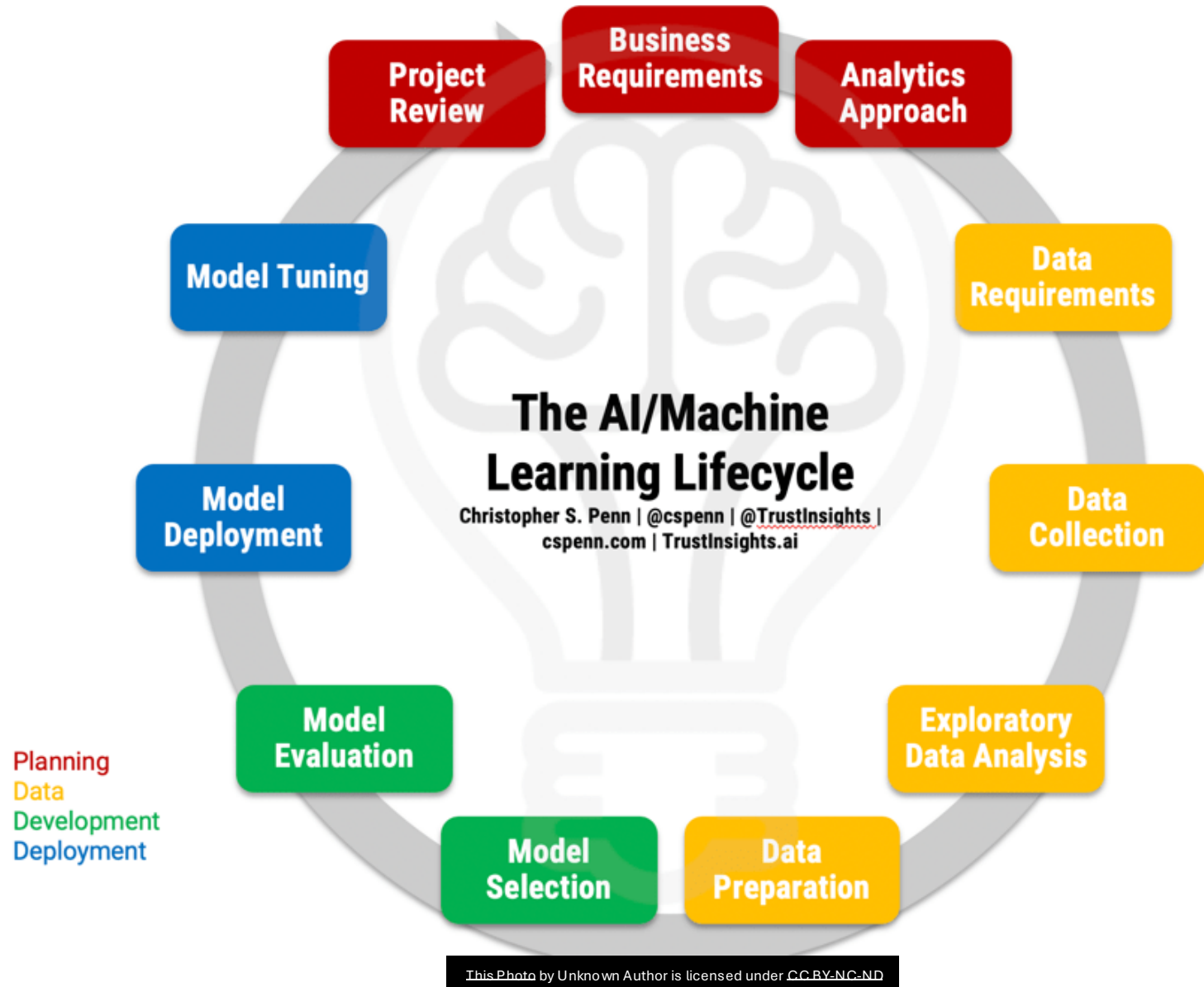
New York City Schools Ban ChatGPT
Amid Cheating Worries

CNet, Jan 4, 2023

Alarmed by A.I. Chatbots, Universities Start
Revamping How They Teach

New York Times, Jan 16, 2023

Berita di Indonesia

Marak digunakan dengan tanggapan positif.

REPUBLIKA

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Rabu 10 Jul 2024 10:53 WIB

Jawaban Ujian yang Dibuat AI Dapat Nilai Lebih Tinggi dari Mahasiswa

Penemuan ini menimbulkan kekhawatiran potensi kecurangan di lingkungan akademis.

Rep: Gumanti Awaliyah/ Red: Qommarria Rostanti

KOMPAS.com   News Pemilu IKN Tekno Otomotif Bola Lifestyle Tren Lestari Health Money Properti Food UMKM Edukasi Travel

BAGIKAN: OpenAI Rilis ChatGPT Edu untuk Mahasiswa dan Dosen   KOMENTAR:

Kompas.com / Tekno / Apps & OS

OpenAI Rilis ChatGPT Edu untuk Mahasiswa dan Dosen

Kompas.com - 03/06/2024, 07:01 WIB

GR RK **Galuh Putri Riyanto, Reska K. Nistanto**
Tim Redaksi

Lihat Foto

OpenAI

What AI Can Do for Education in Future?

- Personalized learning at scale

- Intelligent tutoring and feedback

- Automating Administrative tasks

- Democratizing access to education

AI is a tool, not a replacement for human educators. While AI can enhance the learning experience, it cannot replicate the empathy, creativity, and emotional intelligence that teachers bring to the classroom. The future of education lies in a harmonious blend of human expertise and AI capabilities.

Annexit.ai

Identify the desired outcomes

Using Generative AI in Education

Evaluate the effectiveness

Determine the appropriate level of automation

Ensure ethical considerations
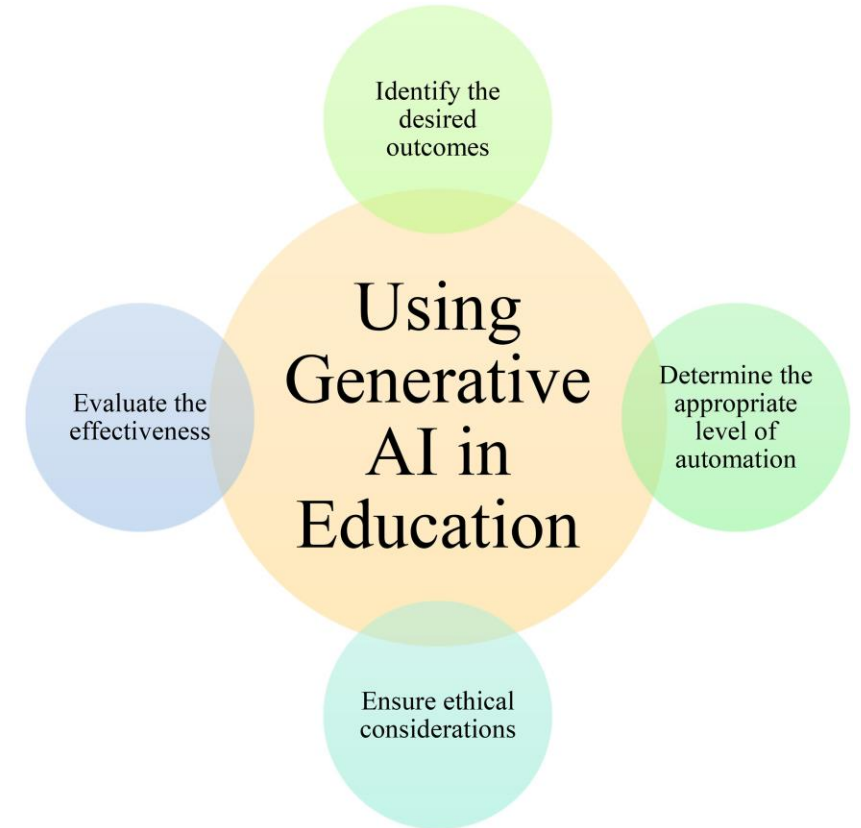
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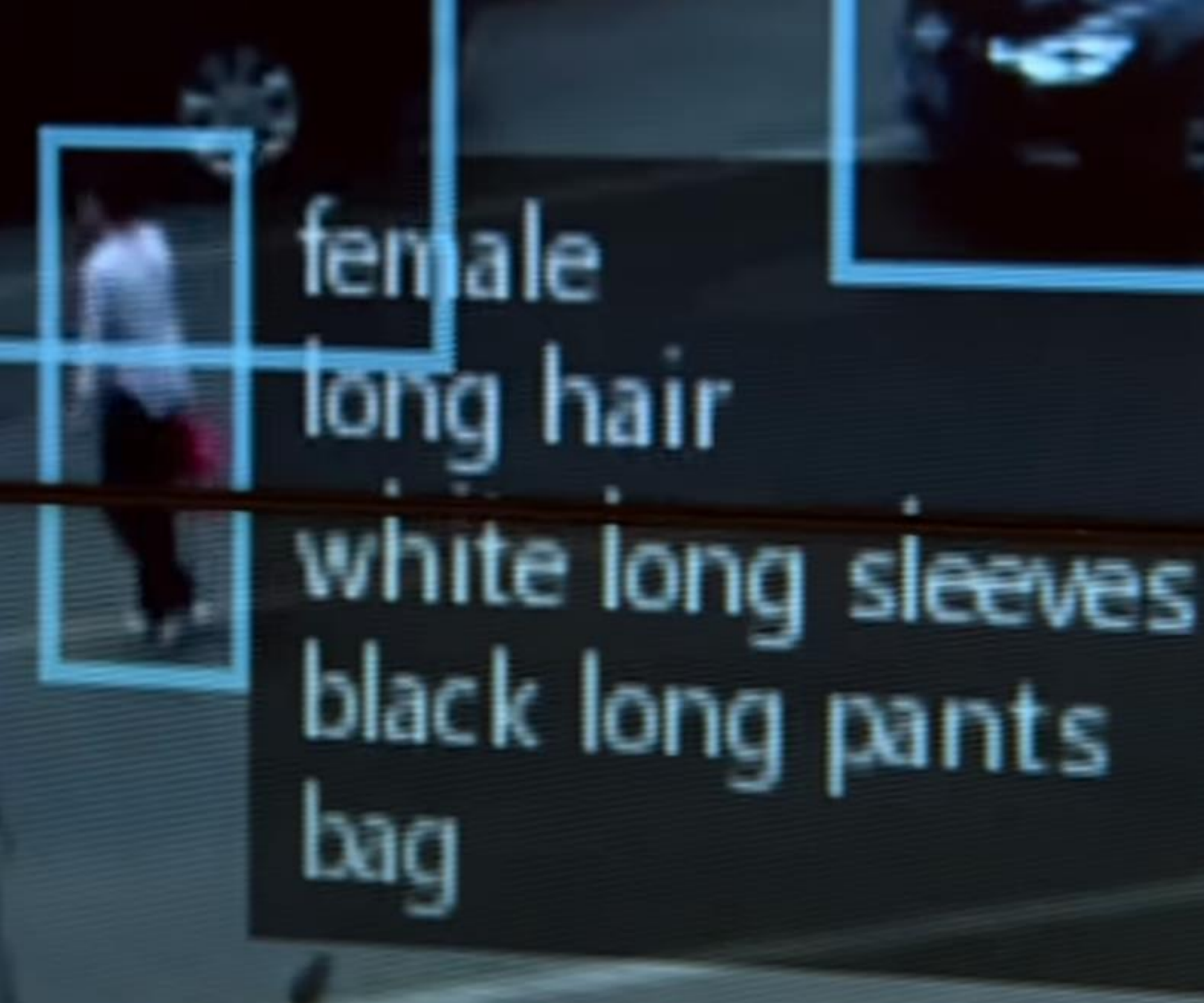
Artificial Intelligence Recognition

- Realtime

- Precise

Artificial Intelligence in Education

Thomas K.F. Chiu, Future research recommendations for transforming higher education with generative AI, J. Computers and Education: Artificial Intelligence, Volume 6, 2024,

https://doi.org/10.1016/j.caeai.2023.100197.

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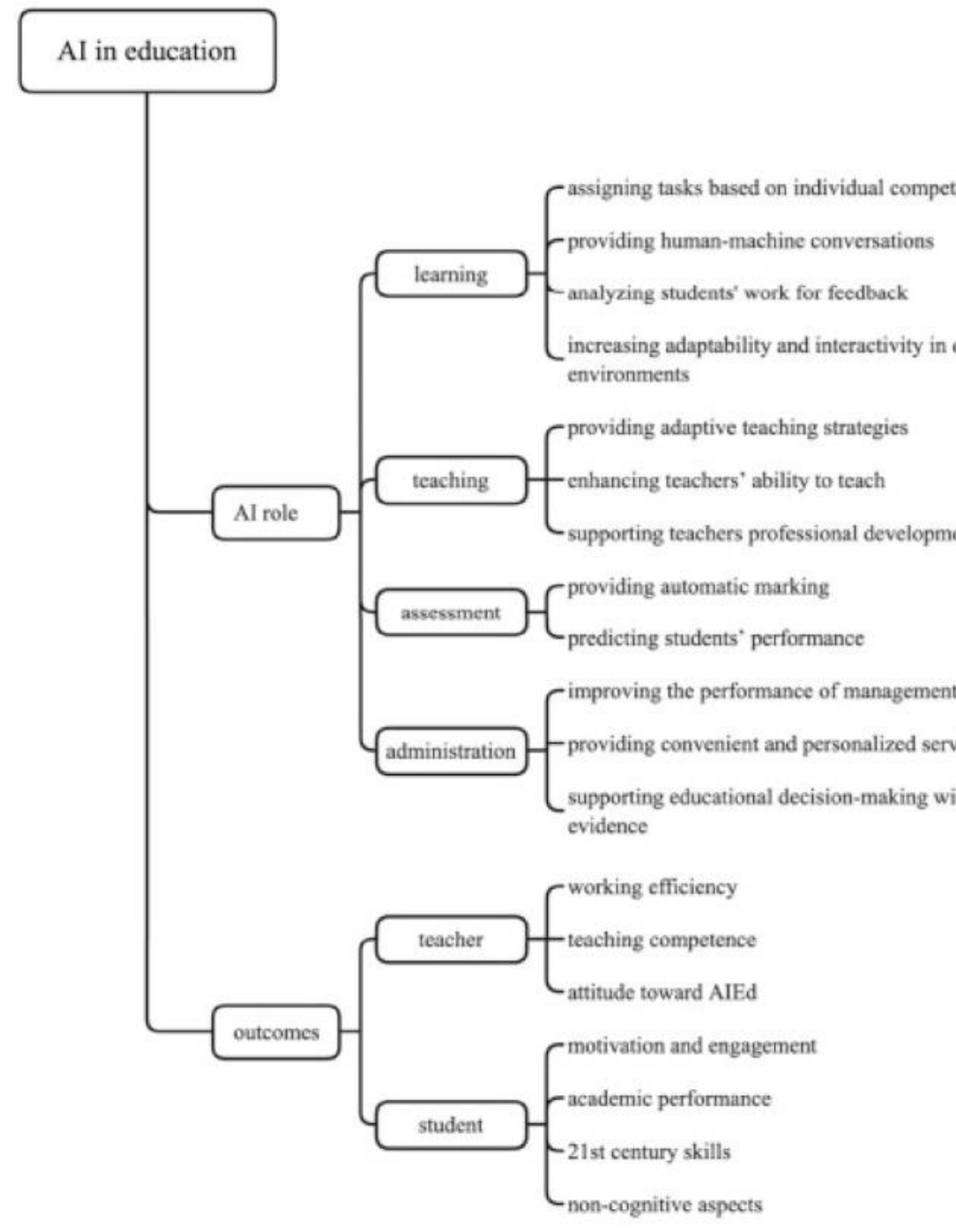
Generative AI untuk Kepentingan Perguruan Tinggi

Penggunaan prompt yang tepat dapat memberi gambaran tentang permasalah yang ada di perguruan tinggi.

KUALITAS PENDIDIKAN	KEMITRAAN INDUSTRI
AKREDITASI	KESEJAHTERAAN DOSEN/KARYAWAN
REPUTASI DAN BRAND	PENGEMBANGAN PROFESIONAL
PENINGKATAN PMB	FASILITAS KAMPUS
KEPUASAN MAHASISWA	KOLABORASI AKADEMIK
INOVASI PEMBELAJARAN	KEUNIKAN MISI
RELEVANSI LULUSAN	PENGEMBANGAN PROGRAM
PENELITIAN & PENGEMBANGAN	PEMENUHAN REGULASI

Contoh Prompt untuk kepentingan PT

Hasil akhir masih perlu direnungkan dengan seksama, tidak 100% benar dan tepat.

Inovasi Kurikulum:
- "Apa saja tren terbaru dalam pengembangan kurikulum yang dapat diterapkan untuk program studi [nama program studi]?"

Integrasi Teknologi dalam Pembelajaran:
- "Bagaimana cara mengintegrasikan teknologi terbaru dalam proses pembelajaran untuk meningkatkan keterlibatan mahasiswa?"

Evaluasi Program Studi:
- "Berikan metode untuk mengevaluasi efektivitas program studi yang ada dan cara untuk meningkatkan kualitasnya."

Strategi Penelitian:
- "Apa saja langkah-langkah yang bisa diambil untuk meningkatkan aktivitas dan output penelitian di perguruan tinggi?"

Pendanaan Penelitian:
- "Bagaimana cara mendapatkan pendanaan eksternal untuk mendukung penelitian dan inovasi di kampus?"

Kolaborasi Riset:
- "Bagaimana cara mendorong kolaborasi riset antara fakultas dan dengan institusi lain?"

Expected Uses of Generative AI

Thematic Analysis Results with Relative Frequency of Occurrence among Educators and Students.

Themes for Essay	Educators	Students	Themes for Coding	Educators	Students
Content Generation	57%	23%	Code Generation and Automation	62%	50%
Research and Idea Generation	17%	33%	Guidance, Validation, Error-Checking	21%	22%
Rewording and Revision	11%	19%			
Academic Integrity/Ethics	6%	6%	Academic Integrity/Ethics	3%	4%
Learning/Thinking Inhibitor	6%	2%	Learning/Thinking Inhibitor	–	5%
Learning Enhancement	4%	12%	Learning Enhancement	14%	13%
Efficiency and Time-saving	–	5%	Efficiency and Time-saving	–	6%

R.F. Kizilcec, E. Huber, E.C. Papanastasiou et al., Perceived Impact of Generative AI on Assessments: Comparing Educator and Student Perspectives in Australia, Cyprus, and the United States, Computers and Education: Artificial Intelligence, 100269, doi: https://doi.org/10.1016/j.caeai.2024.100269.

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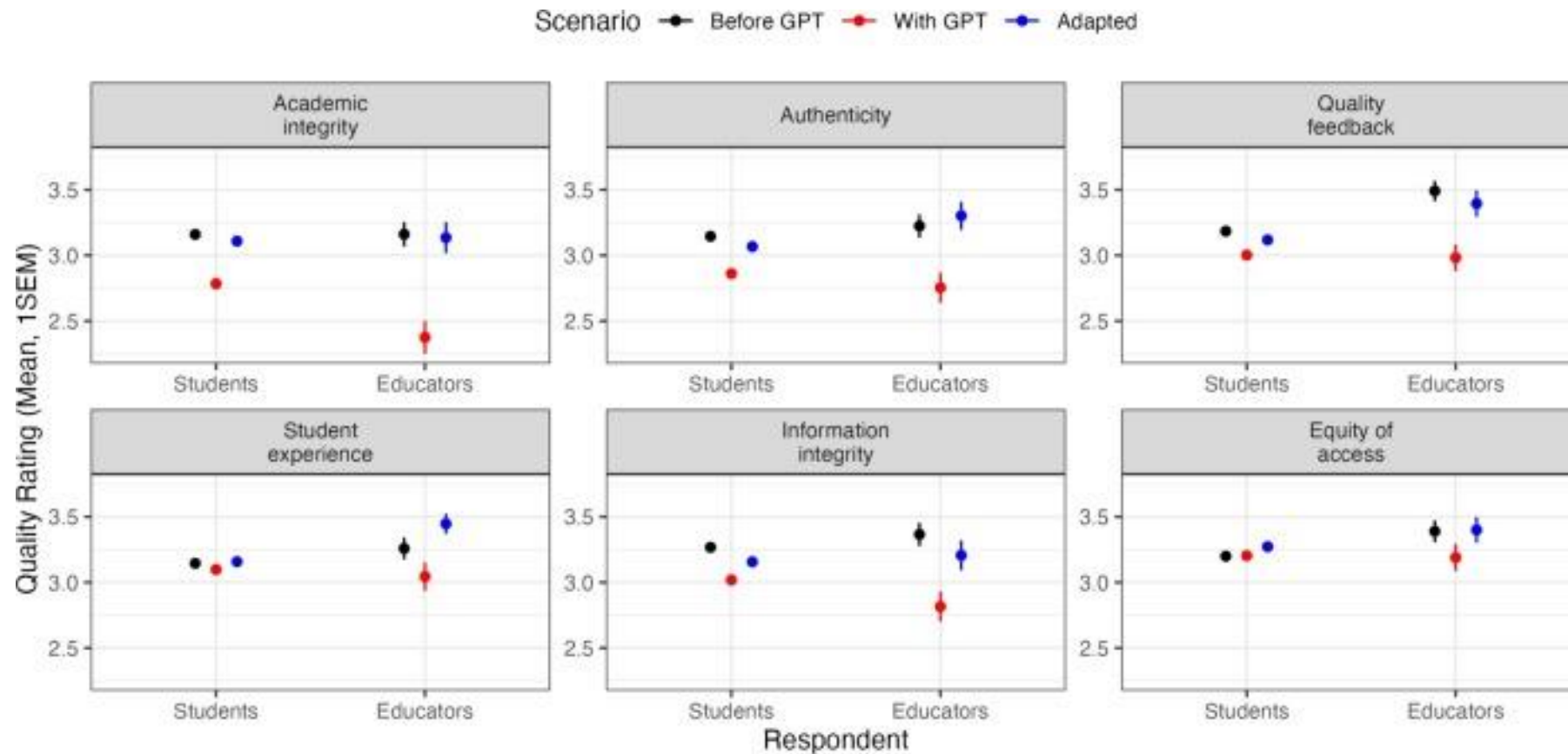# Perceived Impact of Generative AI on Assessment Types

Mean ratings of how much different types of assessment are perceived to be impacted by the availability of generative AI tools like ChatGPT according to educators (left panel) and students (right) in each country (color). The scale points are labeled Not at all (1), Slightly (2), Moderately (3), Very (4), and Extremely (5). Standard error bars are shown.

R.F. Kizilcec, E. Huber, E.C. Papanastasiou et al., Perceived Impact of Generative AI on Assessments: Comparing Educator and Student Perspectives in Australia, Cyprus, and the United States, Computers and Education: Artificial Intelligence, 100269, doi: https://doi.org/10.1016/j.caeai.2024.100269.
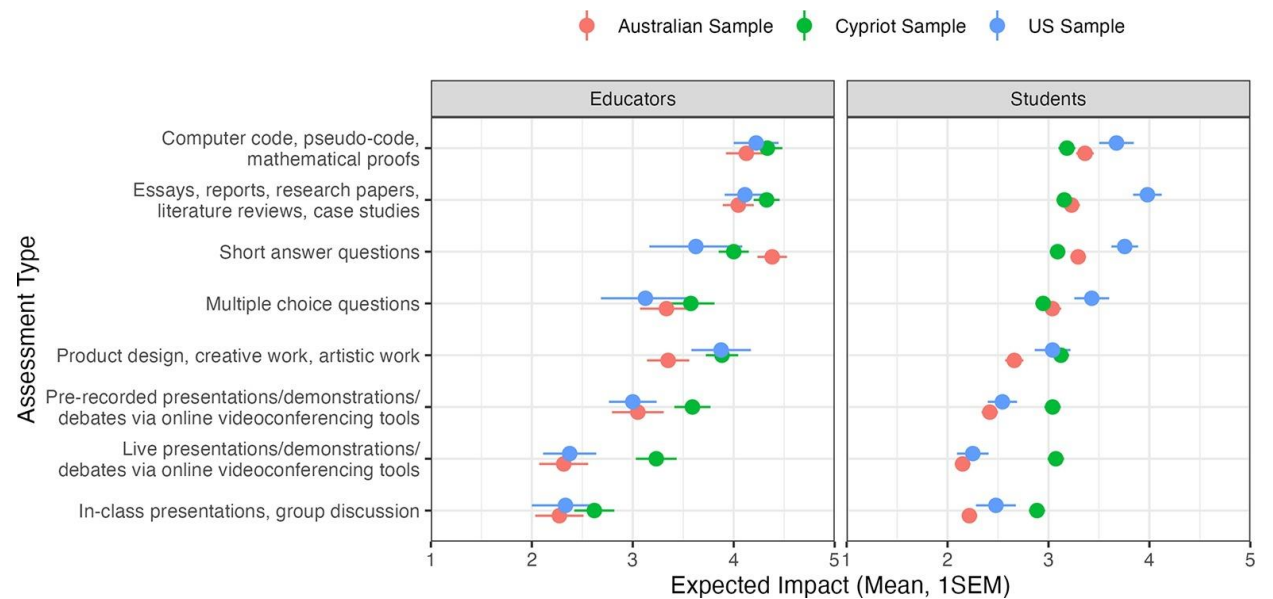
Adaptation Preferences

THANK YOU

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