

Selenium

Practice Paper 1

Prerequisite:

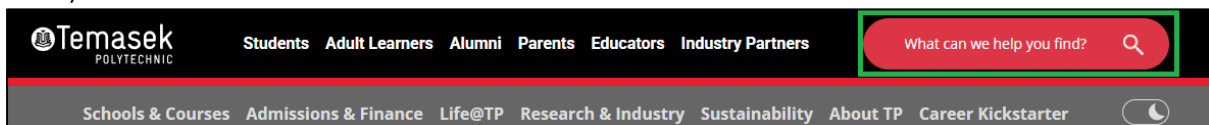
- Programming knowledge: Basic Python (variables, functions, loops)
- Programming knowledge: Creating test cases with Selenium and chrome driver.
- Web knowledge: Very basic HTML

Task 1:

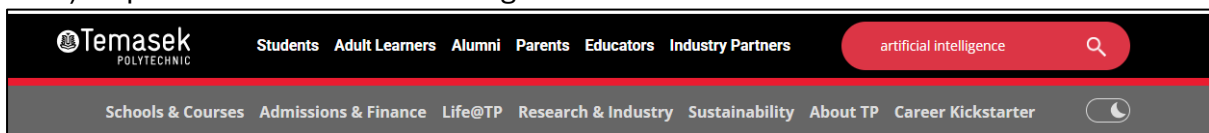
Website Starting Url: <https://www.tp.edu.sg/home.html>

Write a test to:

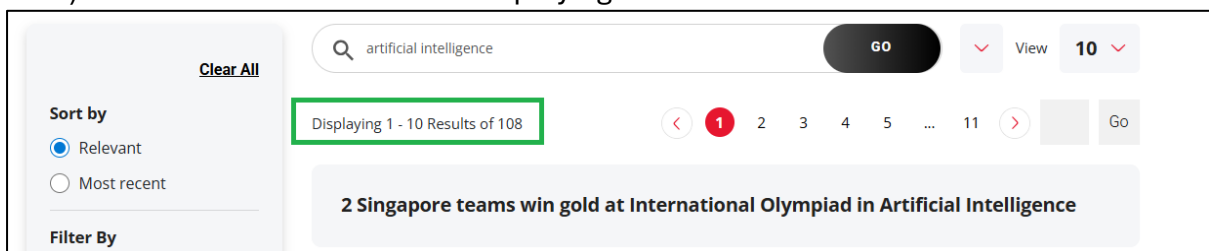
- 1) Navigate to the above URL.
- 2) Check that the search bar is visible.



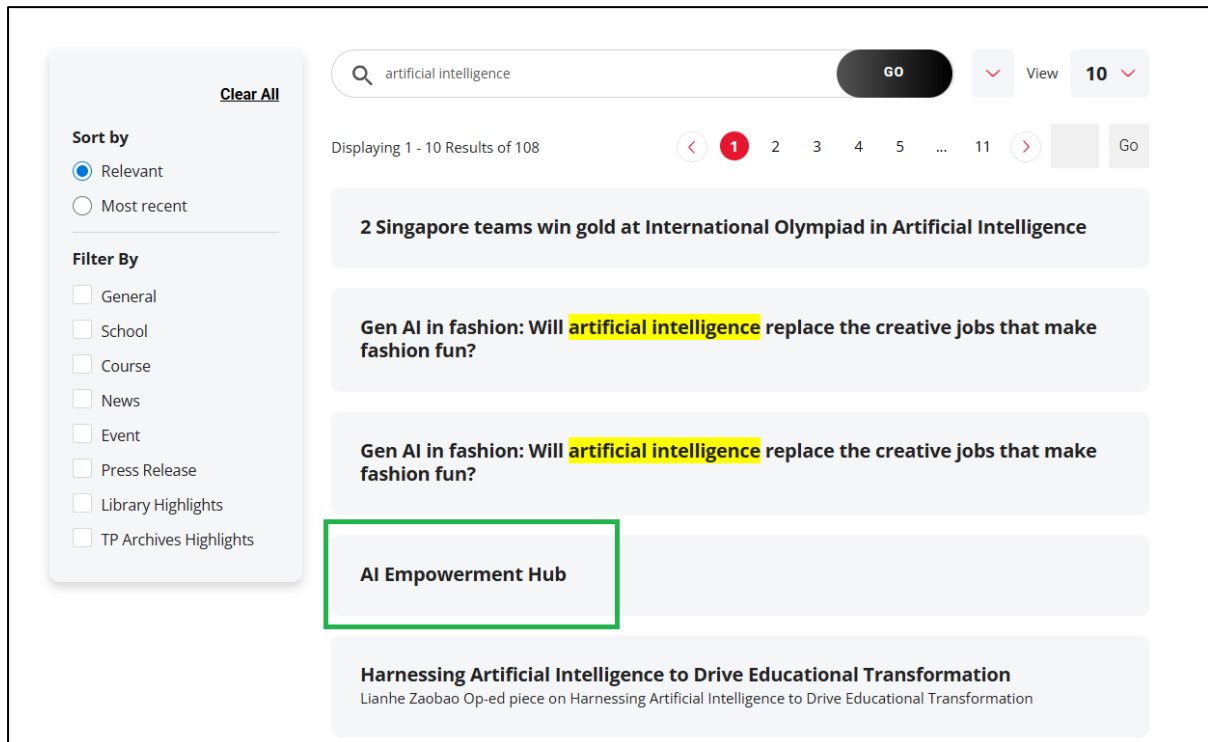
- 3) Input the word artificial intelligence into the search bar and search.



- 4) Check that the text shows 'Displaying 1 – 10 Results of 108'.



- 5) Check that there is a topic called 'AI Empowerment Hub'.



Search: artificial intelligence GO View 10

Displaying 1 - 10 Results of 108

Sort by: ☒ Relevant ☐ Most recent

Filter By:

- ☐ General
- ☐ School
- ☐ Course
- ☐ News
- ☐ Event
- ☐ Press Release
- ☐ Library Highlights
- ☐ TP Archives Highlights

2 Singapore teams win gold at International Olympiad in Artificial Intelligence

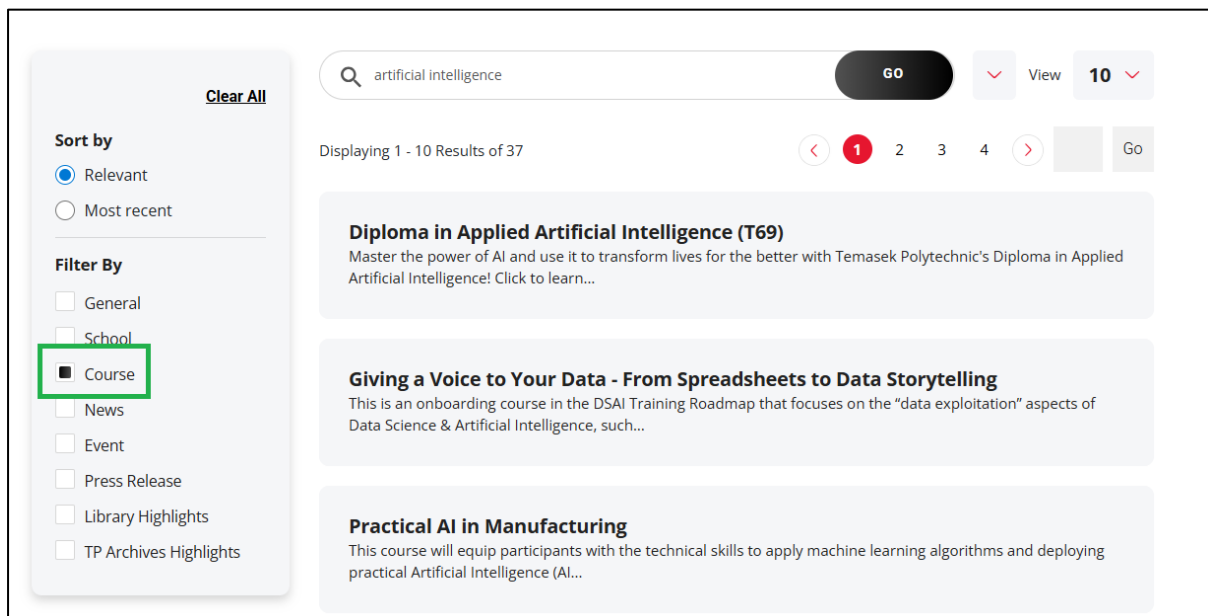
Gen AI in fashion: Will artificial intelligence replace the creative jobs that make fashion fun?

Gen AI in fashion: Will artificial intelligence replace the creative jobs that make fashion fun?

AI Empowerment Hub

Harnessing Artificial Intelligence to Drive Educational Transformation
Lianhe Zaobao Op-ed piece on Harnessing Artificial Intelligence to Drive Educational Transformation

6) Filter by 'Course' and check that there are 37 results.



Search: artificial intelligence GO View 10

Displaying 1 - 10 Results of 37

Sort by: ☒ Relevant ☐ Most recent

Filter By:

- ☐ General
- ☐ School
- ☒ Course
- ☐ News
- ☐ Event
- ☐ Press Release
- ☐ Library Highlights
- ☐ TP Archives Highlights



Diploma in Applied Artificial Intelligence (T69)
Master the power of AI and use it to transform lives for the better with Temasek Polytechnic's Diploma in Applied Artificial Intelligence! Click to learn...

Giving a Voice to Your Data - From Spreadsheets to Data Storytelling
This is an onboarding course in the DSAI Training Roadmap that focuses on the "data exploitation" aspects of Data Science & Artificial Intelligence, such...

Practical AI in Manufacturing
This course will equip participants with the technical skills to apply machine learning algorithms and deploying practical Artificial Intelligence (AI...

7) Change the view to '30' results per page.

Home > Search

A⁻ | A⁺  

Sort by

☒ Relevant

☐ Most recent

Filter By

☐ General

☐ School

☒ Course

☐ News

☐ Event

☐ Press Release

☐ Library Highlights

☐ TP Archives Highlights

[Clear All](#)

GO

View

10

Displaying 1 - 10 Results of 37

<
1
2
3
4
>

Diploma in Applied Artificial Intelligence (T69)

Master the power of AI and use it to transform lives for the better with Temasek Polytechnic's Diploma in Applied Artificial Intelligence! Click to learn...

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Practical AI in Manufacturing

This course will equip participants with the technical skills to apply machine learning algorithms and deploying practical Artificial Intelligence (AI...

Check that there is only a total of 2 page.

Sort by

☒ Relevant

☐ Most recent

Filter By

☐ General

☐ School

☒ Course

☐ News

☐ Event

☐ Press Release

☐ Library Highlights

☐ TP Archives Highlights

[Clear All](#)

GO

View

30

Displaying 1 - 30 Results of 37

<
1
2
>

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Practical AI in Manufacturing

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Task 2

Website Starting Url: <https://www.tp.edu.sg/landing/industry-partners.html>


Write a test to:

- 1) Navigate to the above URL.
- 2) Check that the image with the alt 'Industry Partners' is displayed on the page.



- 3) Check that there are FOUR ways to collaborate.


WAYS TO COLLABORATE



Student Internship Programme

Build connection with your future workforce by partnering us. Our students could be attached to your organisation for real-life work experiences to gain a head-start in their career with you locally or overseas. Find out more about our student internship programmes and how your organisation can be a part of it.


[Learn More](#)



Graduate Hires

Partner with us to shape the future workforce. Offer job opportunities or sponsorships to connect with students and graduates. Engage in career fairs and outreach activities to build your brand and make a meaningful impact on talent development. Reach out to us to explore possibilities.


[Learn More](#)



Continuing Education & Training

Temasek SkillsFuture Academy offers a range of courses & executive training programmes. We have the expertise to recommend, design and conduct customised courses and workshops to build the capabilities of your organisation.

[Learn More](#)



Research, Licensing and Consultancy

Partner with us to gain a competitive edge through transformative innovation. Together, we can drive economic and societal impact, tackle operational challenges, and achieve meaningful results. Collaborate with us through diverse engagement models, including research partnerships, licensing opportunities, projects, and consultancy services, across our key focus areas.

[Learn More](#)

- 4) Check that the OCBC Bank logo is displayed on the screen.

COLLABORATED WITH



accenture



OCBC Bank



sats

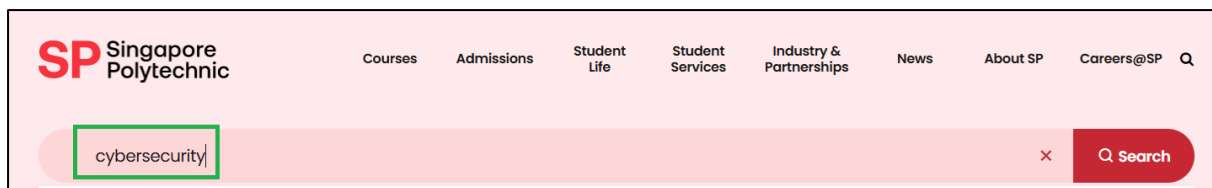


Task 3:


Website Starting Url: <https://www.sp.edu.sg/>

Write a test to:

- 1) Navigate to the above URL.
- 2) Search for the content 'cybersecurity'.



- 3) Check that the text display 'of 78 results'.


 **Singapore Polytechnic**

[Courses](#) [Admissions](#) [Student Life](#) [Student Services](#) [Industry & Partnerships](#) [News](#) [About SP](#) [Careers@SP](#) [Q](#)

× Q Search

SearchSG | Powered by GovTech

Search within: Singapore Polytechnic All of government

 We found more relevant results from other agencies. [Click here to view results from all of government.](#) ×

Showing 1-10 of 78 results



Sort by: Relevance | Date

Information

Diploma in Cybersecurity & Digital Forensics | SP

Feb 23, 2023 - ...not only hones your technical skills but also equips you to think analytically and adapt to real-world situations. You'll learn to see **cybersecurity** as a crucial part of today's tech world. Working on real-world projects with experts, you'll gain the skills to innovate and lead in...

<https://www.sp.edu.sg/courses/schools/soc/cybersecurity-digital-forensics>



Is this useful?  

Information


An Intern's experience as a Cybersecurity Engineer | SP

May 17, 2024 - ...Management (DISM) course, which has been renamed to Diploma in **Cybersecurity** & Digital Forensics (DCDF). He had the opportunity to intern as a **Cybersecurity** Engineer at NCS. His primary responsibilities included conducting regular Vulnerability Assessments on project systems and assets...

<https://www.sp.edu.sg/courses/schools/soc/happenin...tern-s-experience-as-a-cybersecurity-engineer>

Is this useful?  



4) Ensure that there are 8 pages.


 **Singapore Polytechnic**


[Courses](#) [Admissions](#) [Student Life](#) [Student Services](#) [Industry & Partnerships](#) [News](#) [About SP](#) [Careers@SP](#) [Q](#)

students at SP. Over the course of three...

[https://www.sp.edu.sg/courses/schools/soc/happenin...s/youth-cyber-exploration-program-\(ycep\)-2024](https://www.sp.edu.sg/courses/schools/soc/happenin...s/youth-cyber-exploration-program-(ycep)-2024)



Is this useful?  


 Events


Youth Cyber Exploration Programme (YCEP) 2025 | SP 

Mar 19, 2025 - ...and problem-solving skills. A huge thank you to our Diploma in **Cybersecurity** and Digital Forensics lecturers, mentors, organisers, and partners for making YCEP 2025 a success. Together, we are shaping the future of **cybersecurity** and empowering the youth of Singapore...

[https://www.sp.edu.sg/courses/schools/soc/happenin...youth-cyber-exploration-programme-\(ycep\)-2025](https://www.sp.edu.sg/courses/schools/soc/happenin...youth-cyber-exploration-programme-(ycep)-2025)



Is this useful?  

 Media Releases

ST Engineering puts up Cybersecurity CoE to push agentic AI | SP 

Nov 06, 2025 - ...its **Cybersecurity** Centre of Excellence (CoE) supported by Digital Industry Singapore – a joint office by the Economic Development Board, Enterprise Singapore, and Infocomm Media Development Authority – and the Cyber Security Agency of Singapore (CSA) to develop agentic AI-driven **cybersecurity**...

<https://www.sp.edu.sg/news/sp-in-the-news/detail/n...ic-ai?id=ebcf09ae-a785-4cf1-b3c4-ce30d0ef5c8c>

Is this useful?  

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#)

Task 4: <https://www.tp.edu.sg/openhouse/>

- 1) Navigate to the above website
- 2) Check that there are 8 seminar links
- 3) Check that the main video on the website is set to autoplay and loop
- 4) Check that the 'HOW TO GET TO TP' button opens up a new tab to 'https://www.tp.edu.sg/about-tp/getting-to-tp.html'