



High School Students and Artificial Intelligence

A Research Study

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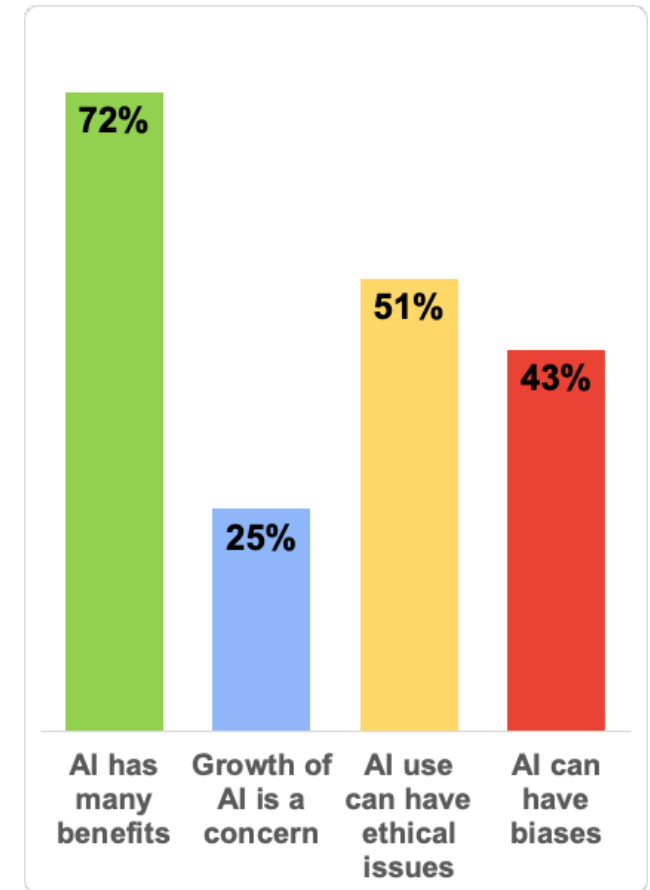
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Study identifies High School Students' Attitudes about AI, AI Ethics, and AI Bias

- Grade 12 student Divija Durga of Amity International and RPA2AI Research conducted a survey to understand the attitudes and perceptions of high school students about Artificial Intelligence (AI).
- The online survey was conducted during August 2022 mainly among High Schoolers in USA and India.

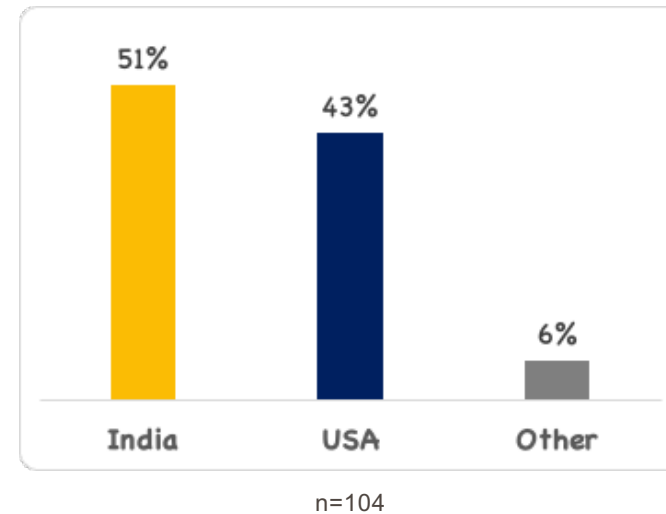
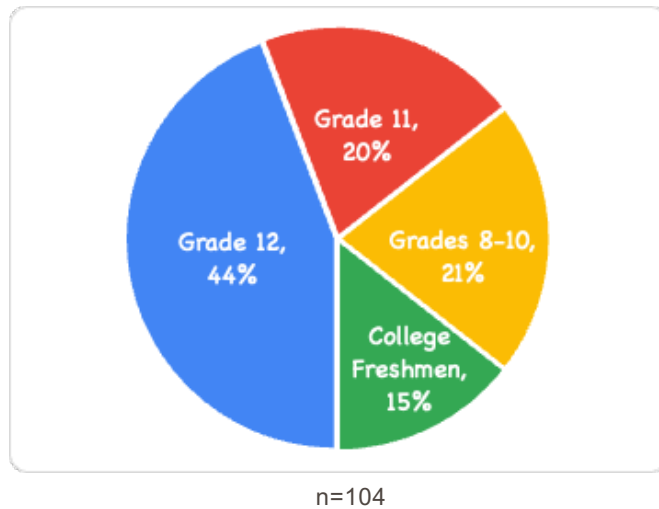
Key Findings

- High Schoolers are very positive about AI but less aware of AI biases
 - 72% of students agree that AI has many benefits.
 - Just a quarter of them are concerned about the growth in AI.
 - About half of the students think that the use of AI systems can give rise to ethical issues.
 - But only 43% of the students recognize that AI systems can have biases or biased outcomes.



More than a Hundred US and Indian High School Students Participated in the Survey

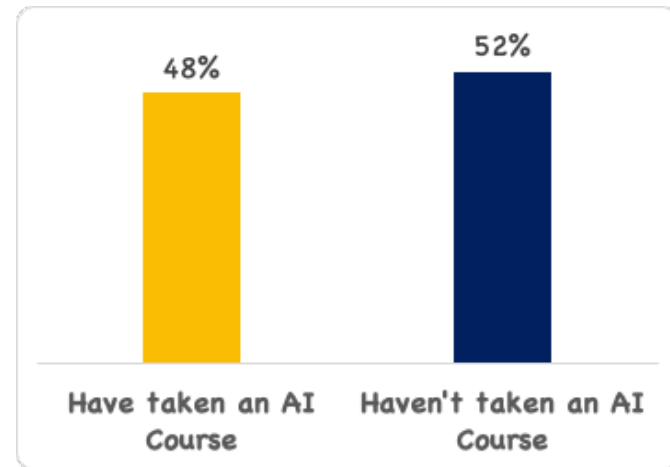
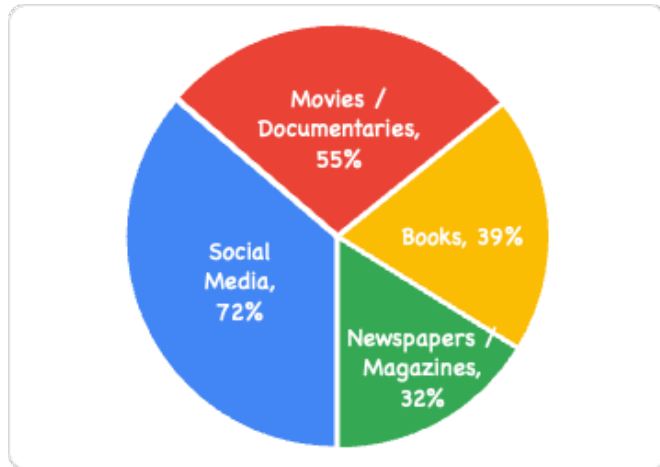
- Online survey conducted among high school students and college freshmen.
- 94% of the students are from India (51%) and USA (43%).



A total of 104 responses were included in this analysis. Survey conducted in August 2022. The College Freshmen would have completed Grade 12 recently.

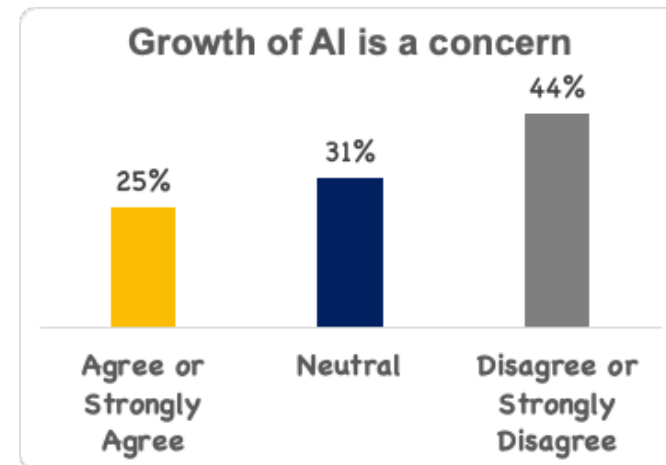
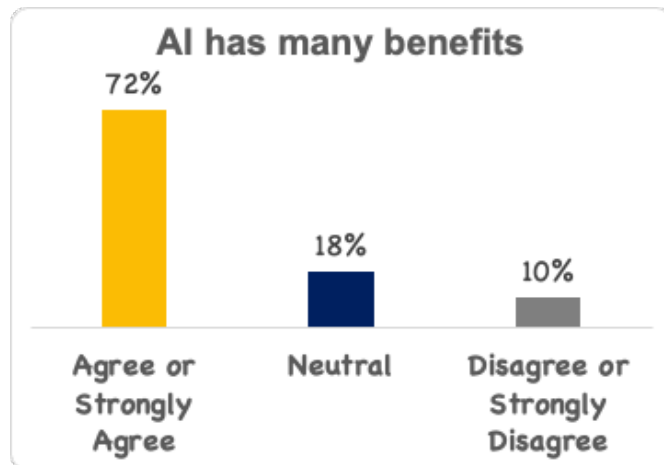
Social Media and Movies influence student attitudes and perceptions about AI

- Social Media and Movies / Documentaries are their top 2 sources of information about AI.
- Nearly half (48%) of the students have already taken an AI course.



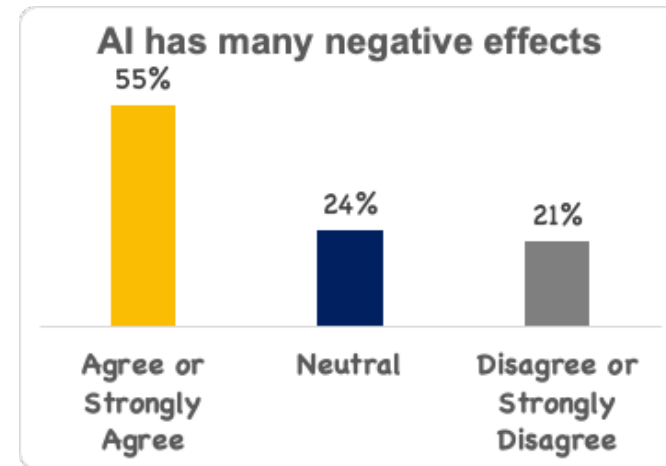
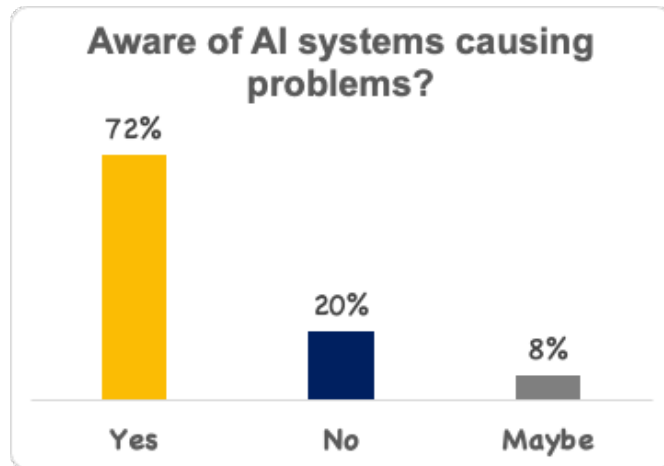
Students are very positive about AI and are not much concerned about the growth of AI

- Students have a very positive attitude towards AI.
 - 72% of the students agree that AI has many benefits.
 - Only 10% think that AI doesn't have many benefits.
- Only 25% of the students are concerned about the growth of AI.



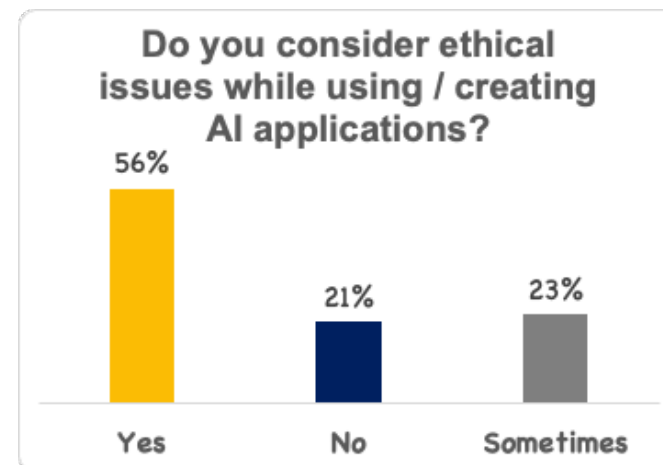
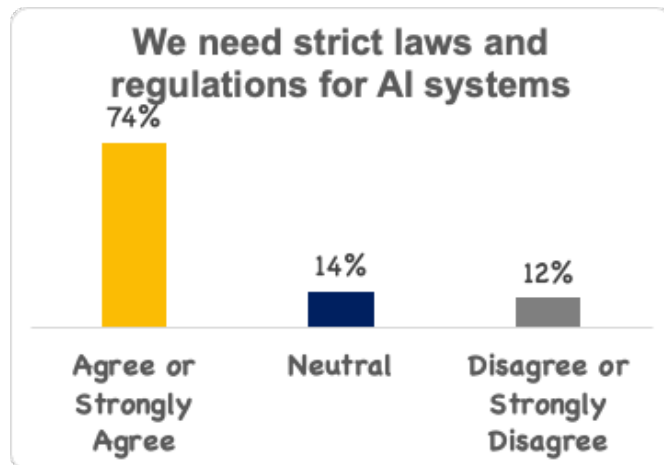
Students are aware that AI can cause problems and can have negative impact

- 72% of the students are also aware that AI systems can cause problems.
- More than half of the students are also aware that AI can have many negative effects.



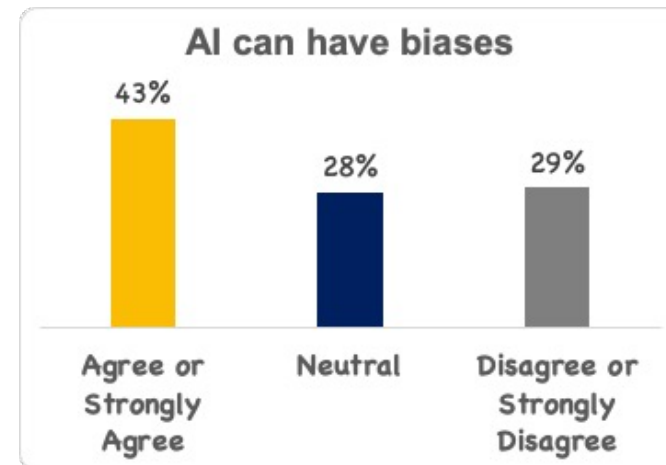
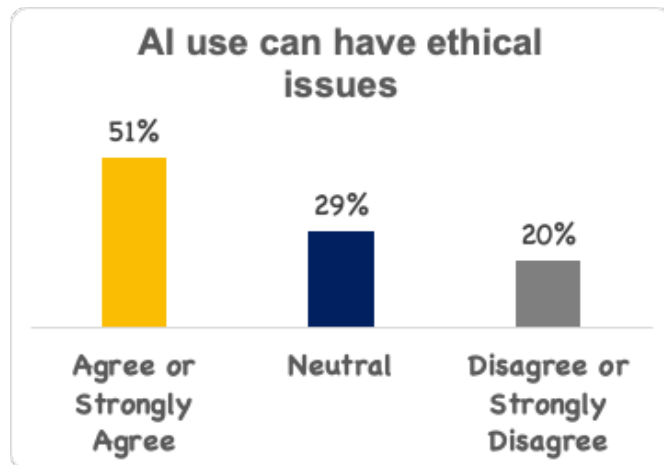
Students think that AI needs strict laws and consider ethical issues while using AI

- 74% of the students agree that AI systems need regulation.
- More than half of them say that they consider ethical issues while using AI applications.



But Students' awareness about AI biases is low

- Students' awareness about the ethical issues caused by the use of AI systems is relatively low (51%).
- Similarly, the students' awareness that AI systems can have biases is even lower at 43% and 29% of them disagree that AI can have biases.



AI and High School Students: Study Authors

Divija Durga

- Student at Amity International School, Noida.
- Researcher at the New York Academy of Sciences under the 1000 Girls 1000 Futures Program.
- Founder of IRRIGO: An IoT-based Remote Watering and Monitoring System.
- Interested in STEM, particularly, the intersection of technology and craft.

Kashyap Kompella

- Kashyap is an industry analyst, author, educator, and AI advisor to leading companies and start-ups in US, Europe and Asia-Pac.
- Currently, Kashyap is the CEO of the global technology industry analyst firm RPA2AI Research.
- Kashyap is also the founder of AI Profs, whose mission is to democratize AI education and equip public and private sector workforces with the right skills for the future.

Contact Details

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- To discuss more about the survey and the findings
- To participate in our future research studies
- To create AI and AI Ethics curriculum / courses for High School Students
- To train educators on teaching AI in High Schools