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& MORE

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AI NEWSLETTER FOR K-12

Hi Kids,

Coding and More is here with our October newsletter for you!!! We are a personalised Edtech company that teaches AI and Coding to children in the K-12 grade band.   It's our mission to equip you with a deep conceptual understanding of AI and Machine Learning so that you can either choose a career in Data Science or use it in the discipline of your choice.
Machine Learning is being used in varied industries from Business to Art to Professional fields like Law and Health,

In the past editions we showed you the use of AI in Art, Gaming, Education and Agriculture. This month our focus is on the applications of AI in Healthcare - both Diagonstic and Preventive.

We also have a live talk with Azadeh Dastmalchi - the CEO and cofounder of VitalTracer Pvt. Ltd. In this interactive live Azadeh shared her work on wearable technology that predicts disease. Besides the live on wearable technology we have also curated a host of Youtube videos and articles to give you an insight on the varied uses of AI healthcare.

We encourage you to read and watch these and hope that it will give you some ideas as to how you can help the community at large.

As you may be aware we had hosted the Ada Lovelace GirlsinAI2021 hackathon earlier this month. We have shared here the winners and their winning projects and a link to all the wonderful workshops in case you missed attending live.

We would also love to hear from you. Do write in with your opinions, share projects and send us your articles. And do check out the cool machine learning projects made by our young students on Covid Detection.

Coding and More believes that learning should be fun!! We hope to take learning beyond the classroom and make it real and impactful. In particular, the kids corner is one of my personal favourites as I see children apply technology to subjects of their personal interest and passion. When a child links machine learning to his/her favourite subject in school or a personal hobby - as educators we know we have ignited the spark.

We hope you enjoy reading this as much as we enjoyed making it.
Supriya Bhuwalka

For more information on classes and curriculum: https://forms.gle/dD435SkEEZiqQ4c59

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AI NEWSLETTER FOR K–12
IN THIS ISSUE

Limited Seats - start learning today: https://forms.gle/dD435SkEEZiqQ4c59

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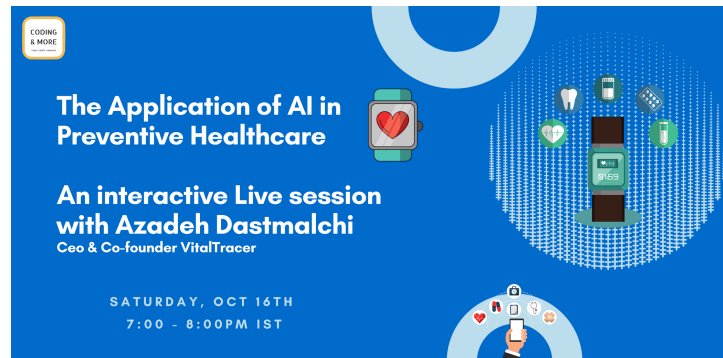
CODING & MORE
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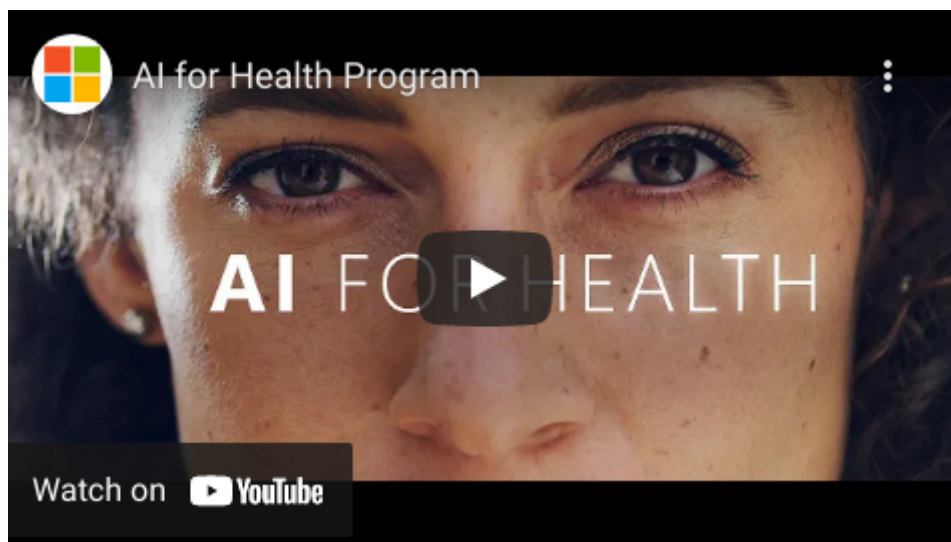STAY HEALTHY
EAT CLEAN & EXERCISE

AI BYTES

Wearable Tech? Whats that?

When you think of wearable technology the first things that come to mind are Apple Watch and Fitbit. Yes, these are great for tracking your movement and calorie intake and general wellbeing. But did you know that there are researchers who are using the power of AI and data analytics to track your vitals like your respiratory rate, blood pressure and oxygen level all in a watch that can help you prevent debilitating diseases. To learn more [click here](#)

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The Application of AI in Preventive Healthcare

An interactive Live session with Azadeh Dastmalchi
Ceo & Co-founder VitalTracer

SATURDAY, OCT 16TH
7:00 - 8:00PM IST

AI can help save lives.. How?

AI for Health Program

AI FOR HEALTH

Watch on ▶ YouTube

[The different uses of AI In Healthcare](#)

For the reader who would like more details

There are various use cases of AI and other technologies in healthcare. To learn more read [here](#)

Hiring Alert!!! Would you like to come teach with us?

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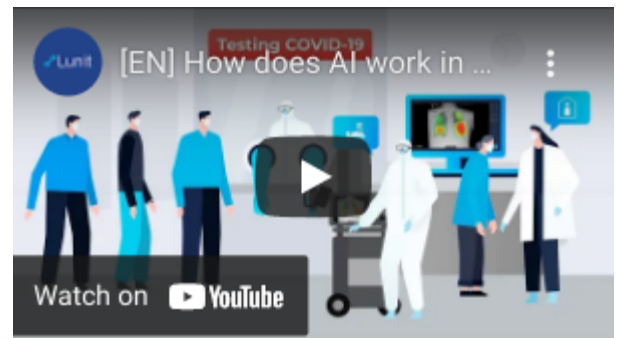
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AI BYTES

AI is already being used by the medical fraternity - where? click <u>here</u> to find out!

Last year when the world was taken by surprise by this crazy contagious virus, medical technologists saw the pain areas and are using AI to support the community. How? Click <u>here.</u>

An interesting byte - Did you know adults prefer to talk to a chatbot vs a human psychologist - Can you guess why?

<u>AI in Mental Health</u>
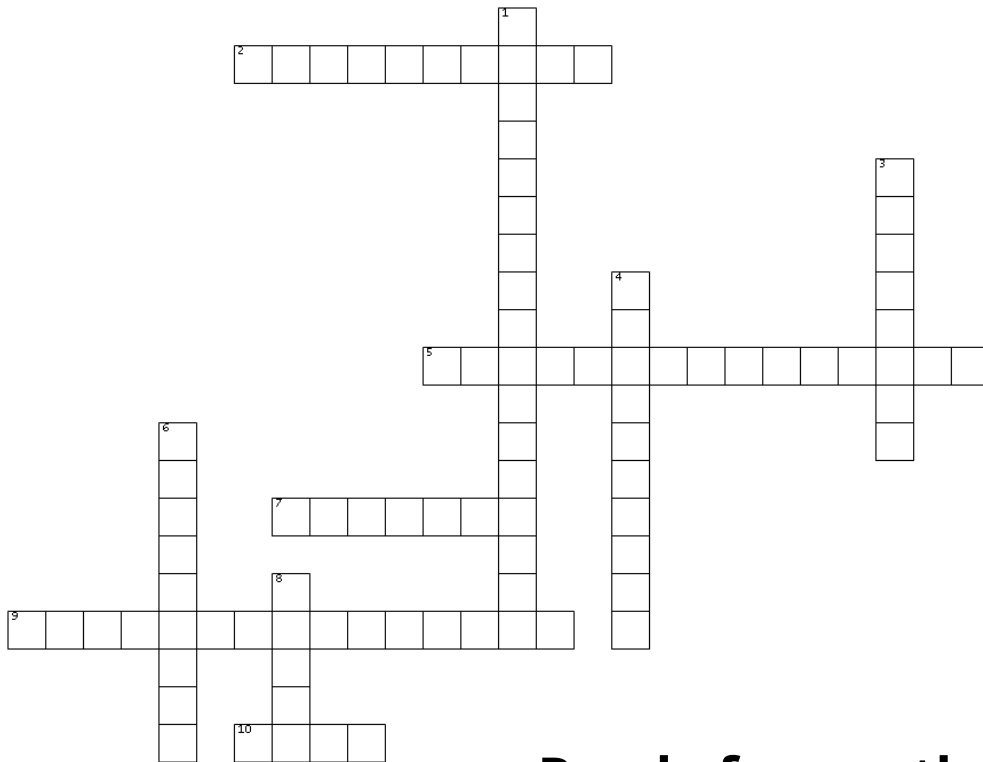
<u>Opportunity to participate and win prestigious global competitions</u>

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AI BYTES

Check your MLQ
Machine Learning Quotient

ACROSS
2. I help you find the quickest route
5. You use me to understand another language
7. I can talk to you
9. This is how I learn
10. The food you feed me with so that I learn

DOWN
1. My ability to recognize faces
3. How many answers are correct
4. This is what I believe is the correct answer
6. I'm a concise set of instructions
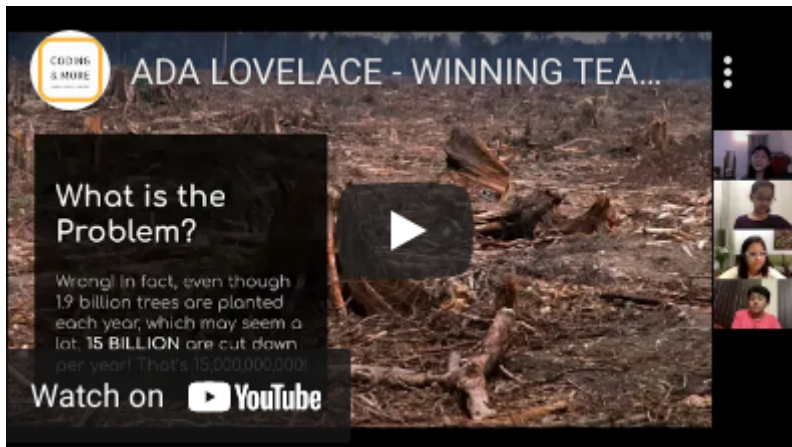8. I'm your personal assistant

Ready for another challenge?
Take the quiz here

Aradhitta Goenka
Grade 9
Bombay International

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AI COMPETITION

The Ada Lovelace GirlsinAI2021IN Competition

Plant Picker

Smart bin

Ever Clean

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AI JUNIOR
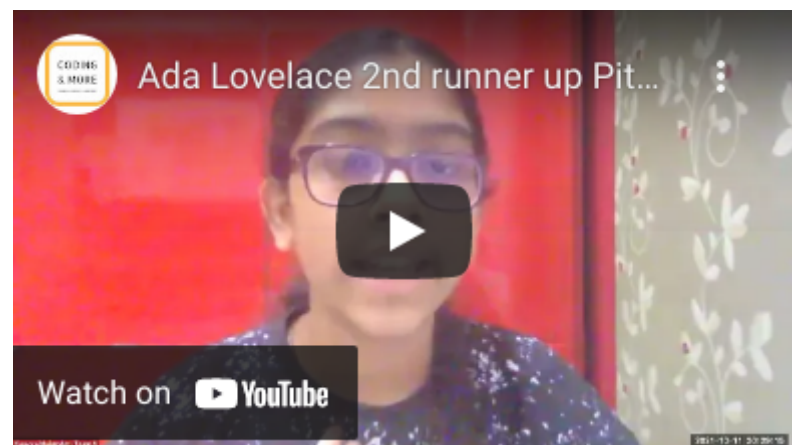
TIPS FOR STUDENTS
DIGITAL CITIZENSHIP AND INTERNET SAFETY

1 LAWS Many sites and web tools are 13+. Most images and work online are protected by copyright.

2 TALK Tell your parents what you're doing online. Always ask a trusted adult if you're unsure of anything.

3 FRIENDS Don't add or meet online friends without parent permission. Don't trust everything friends tell you.

4 PRIVACY Keep personal info private: **Y**our full name, **A**ddress, **P**hone number, **P**asswords, **Y**our plans and birthday.

5 REPUTATION Don't post anything you wouldn't want teachers, family, friends, and future employers to see.

6 QUESTION You can't believe everything you read and see online. There's a lot of incorrect and biased info.

7 BULLYING Tell someone if you think cyberbullying is happening to you or other people you know.

8 ACCOUNTS Choose sensible email addresses and usernames. Use strong passwords and don't share them with others.

9 MANNERS Be polite and respectful at all times. Treat others online how you'd like to be treated.

10 UNPLUG Balance your screen time and green time. Get outdoors, move, play, and interact face to face.

If in doubt, **think** about and **talk** it out

Protect Your Kid as They're Se...

Tech Bytes
Google
PRESENTED BY bark

Watch on YouTube

Click here to see the video

For more information on classes and curriculum: https://forms.gle/dD435SkEEZiqQ4c59

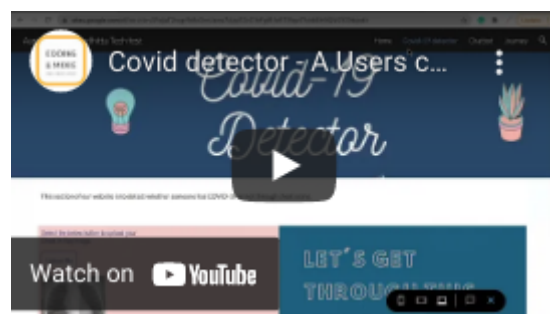Contact@codingandmore.in   www.codingnmore.com   +919820450891

KID'S CORNER

Dear Kids,
This is your corner. please feel free to write in, share your projects, poems, stories, questions about AI!
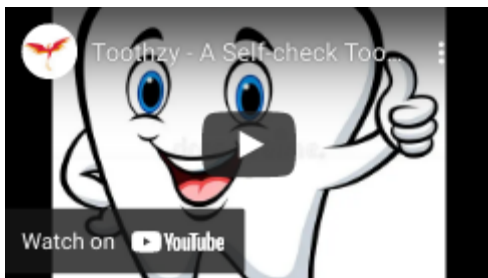
Dental AI
by Anjali Jayaraman

The Covid Detector
by Anadhitta & Aaryamann Goenka
Bombay International

Breaking News

For those who missed attending the Hackathon workshops,
you can watch it here

Parent's Speak

Dearest Coding & More Team!
This Hackathon was just Super. It was so much more than just showing what the kids have learnt. With having done just 1 module Avantika was able to brainstorm with her teammates and her mentor into creating something so brilliant. As a parent I couldn't be more grateful to you and your team for being so patient, so encouraging and just truly brilliant.
The fact that they got to hear and see so many guests lecturers and then be judged by such esteemed guests is just a fabulous experience!
Avantika and I simply cannot wait for next year!!
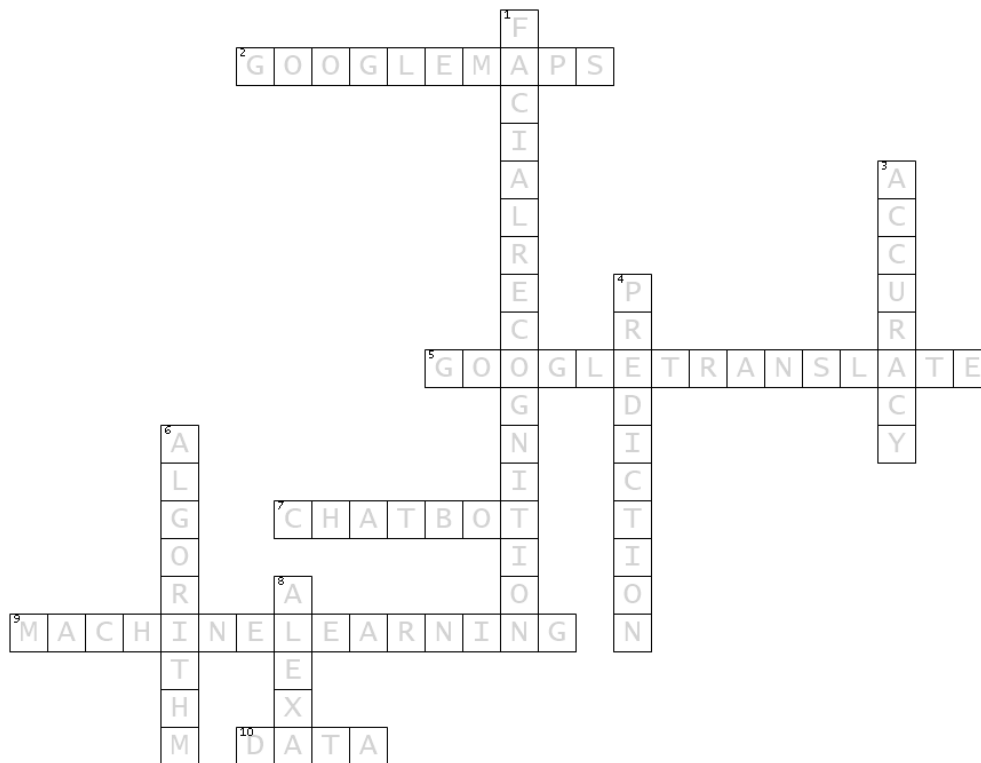Warm Regards
A Grateful Parent
Kishmish Ahuja

Opportunity to participate and win prestigious global competitions

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AI BYTES

Click here

Answer Key

Crossword answers:
- 1 Down: FACIALRECOGNITION
- 2 Across: GOOGLEMAPS
- 3 Down: ACCURACY
- 4 Down: PREDICTION
- 5 Across: GOOGLETRANSLATE
- 6 Down: ALGORITHM
- 7 Across: CHATBOT
- 8 Down: ALEX
- 9 Across: MACHINELEARNING
- 10 Across: DATA

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