

AI NEWSLETTER FOR K-12



Hi Kids,

Coding and More is here with our September newsletter for you!!! We are a personalised Edtech company that teaches AI and Coding to children in the K-12 grade band. We promise to engage and empower you with the knowledge of AI so that you can understand how to interact with it more responsibly.

In the past editions we showed you the use of AI in Art, Gaming and Education. This month we wanted to pivot and add another cool technology - Blockchain. Blockchain and AI are being used for various disciplines - though most people associate Blockchain with Bitcoins and Cryptocurrency - Did you know that it has very cool applications for Agriculture?

In this edition we have shared simple videos to explain what is Blockchain and we have an insightful yet simple talk by a Guest Professor from the Technical Institute of Munich - Dr. Mrinalini Kochupillai. If you would like to learn more we have her detailed research article too. Besides Blockchain, AI has many more applications in Agriculture which you can read about in our articles and get to know some real live apps made in India for our farmers.

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.

We are also elated to share that we are hosting the Ada Lovelace Girls in AI 2021 In Competition in October and have a 120% fill out from participants. We have an amazing lineup of speakers and will be live streaming them on our Youtube channel. The schedule of event is shared inside.

We would also love to hear from you. Do write in with your opinions, share projects and send us your articles.

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

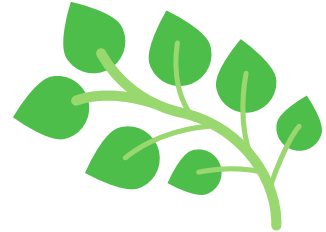
For more information on classes and curriculum: <https://forms.gle/dD435SkEEZiqQ4c59>

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The Use of Blockchain in Agriculture - Live with
Dr. Mrinalini Kochupillai



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Applications of AI in Agriculture
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The Ada Lovelace Girls in AI 2021 IN Competition



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AI Juniors - Being Digitally Safe

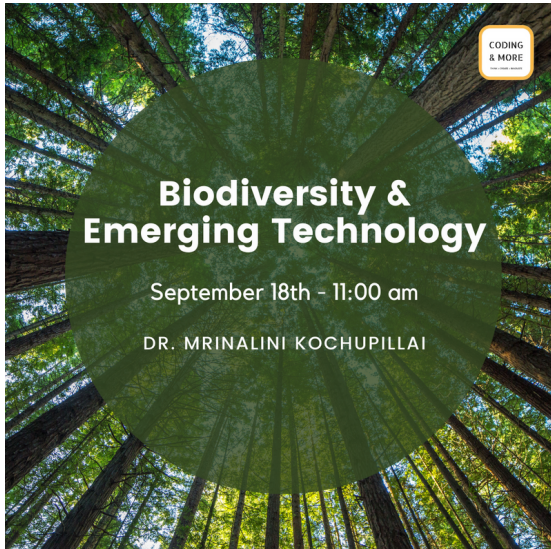
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Parents Speak & Kids Corner

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

AI BYTES

Agro - tech simplified



Did you know that technology is being used in agriculture? And we don't mean just tractors and other mechanical devices.

People around the world are using AI to detect and help prevent diseases, optimize the use of fertilizers and pesticides. And in the live you will learn about the research and work being done by scholars like Dr. Kochupillai who are using Blockchain to help reward farmers. You can learn more about Dr. Kochupillai's work - [here](#)

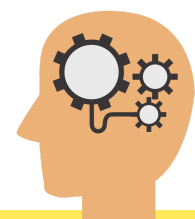
[Click here to hear the podcast](#)



[A simple explanation of Blockchain](#)



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

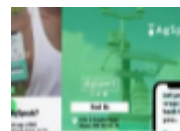


Hiring Alert!!! Would you like to come teach with us?

AI BYTES



[How is AI used in Agriculture?](#)



New AI-Based App For Farmers
indiascience.in

[An AI app made in India for our farmers](#)

[Plantix - an app using AI for Agriculture](#)



iNaturalist

iNaturalist is a social network for sharing biodiversity information to help each other learn about nature. The primary goal is to connect people to nature, and the...

[To find out more..click here](#)



[Opportunity to participate and win prestigious global competitions](#)



A few fun games to recall keywords

A D B P W G I Q H G I Y N I J
 Q G I M J Q B T A Z T Q O J C
 D T R H Y I E L D I B G I B K
 J X Q I Q J P J V M E B T C O
 M X C O C F U I E N Z L U R A
 N E E R G U T Y V A F O L O N
 T A D P A C L I H A M C O P A
 N Z Y I U L R T R S A K V T N
 G Q W D C O G M U F C C E F W
 Z M O X N I E O C R C H R V S
 J R N M V R T J R E E A A W H
 P V E W J A T S P I I I P Z X
 Y N P S D H K O E J T N F I B
 T H T L A E H W M P T H B U Z
 B S K N B L U F C K F W M G J

Agriculture Algorithm Health
 Blockchain Crop Education
 Environment Farmer Fertilizer
 Green Revolution Yield
 Pesticide Prediction
 Productivity Sona Moti
 Artificial Intelligence

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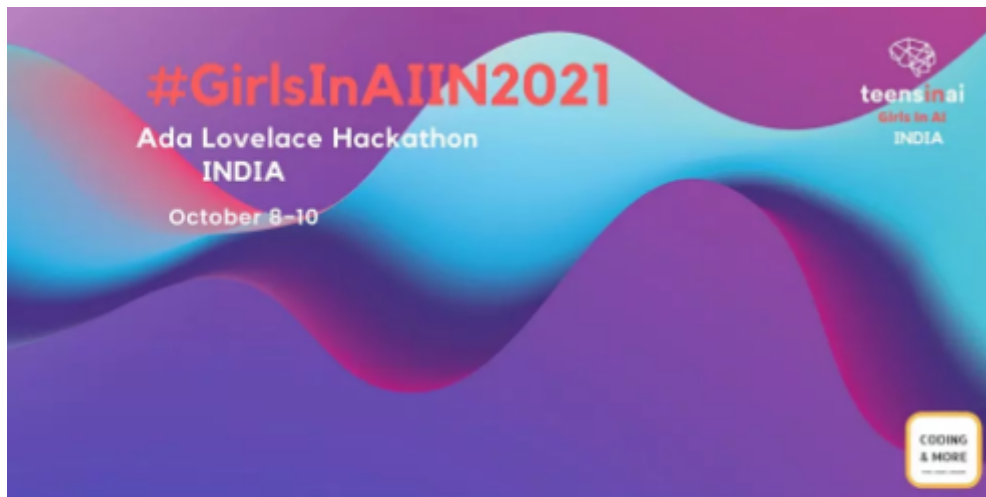


[What is machine learning?](#)

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

AI COMPETITION

The Ada Lovelace Girls in AI 2021 IN Competition



#AdaHack2021 Hackathon - India

Join our virtual #AdaHack2021 Hackathon inspiring young people into AI for Impact in celebration of Ada Lovelace Day 2021!



[REGISTER HERE](#)



The Schedule of Events

Oct 8

Keynote Speaker	Head of AI Earthblanc	Smriti Mishra	6:30 - 6:45 PM
Explain Challenges	In house		6:45 - 7:00 PM
Keynote Speaker	Microsoft MVP AI	Noelle Silver	7:00 - 7:15 PM

Oct 9

Design thinking Workshop	Founder of 70 PR Design	Rishita Chandra	10:00 - 11:00 AM
Hack time	DT Mentors		11:00 - 1:00 PM
ML Workshop	Founder of ML4kids - IBM	Dale Lane	2:30 - 3:30 PM
Sustainability workshop	Guest Prof at TUM	Mrinalini Kochupillai	3:30 - 4:30 PM
Hack time	DT & Tech Mentors.		5:30 - 7:30 PM

Oct 10

AI Tools Workshop	Founder Pyxeda.	Nisha Talagala	10:00 - 11:00 AM
Python With ML	CTO Zest Money	Natalia Lyarskaya	11:30 - 12:30 PM
Hack time	Tech Mentors		12:30 - 1:30 PM
Pitch Workshop	Live Coach	Shilpa Bhagat	2:30 - 3:30 PM
Hack time	Tech & Business Mentors		3:30 - 5:30 PM

Oct 11

Hack time	Tech & Business Mentors		5:00 - 6:45 PM
	The Final Pitch Panel		7:00 - 8:00 PM



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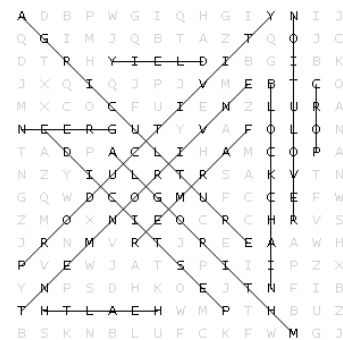
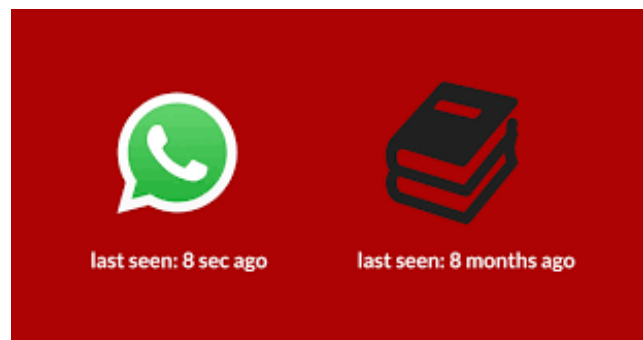


AI JUNIOR

Post Responsibly**Characteristics of a Responsible Digital Citizen...**

VideoLink lets you share videos on YouTube easily, without distracting third-party content or

[Click here to see the video](#)



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
12	21	2	7	6	19	18	23	25	14	8	4	10	9	5	3	24	22	16	13	17	1	15	26	20	11

B	L	O	C	K	C	H	A	I	N	I	S	A	N	E	X	A	M	P	L	E	O	F	A	N
21	4	5	2	8	2	23	12	25	9	25	16	12	9	6	26	12	10	3	4	6	5	19	12	9
E	N	C	R	Y	P	T	E	D	L	E	D	G	E	R										
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KID'S CORNER

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



Do check out our young student's AI project that has
been trained with text and can predict what kind of
tree is being written about [here](#)



By Ryka Sharma , Grade 3, Cathedral & John Connon High School

Parent's Speak

"Divyana and Darsh are thoroughly enjoying their AI class. They love seeing how AI can be so useful in everyday life, and really enjoy working on the different class projects. This class has helped make them think more logically. They eagerly look forward to this class every week!"

Ruchi Parikh - Darsh & Divyana's mother

[Opportunity to participate and win prestigious global competitions](#)