

THE AI FANTASTIC TEAM

ALL IN, ALL FANTASTIC

Presented at Fisher College, MA

November 5th, 2025



HISTORY

Our History

- **Since August 2024:**
 - Rami and Ila met and began collaborating on **mentoring students** (high school, undergrad, graduate)
 - Created and established **core frameworks**
 - Developed and founded **AI Fantastic**





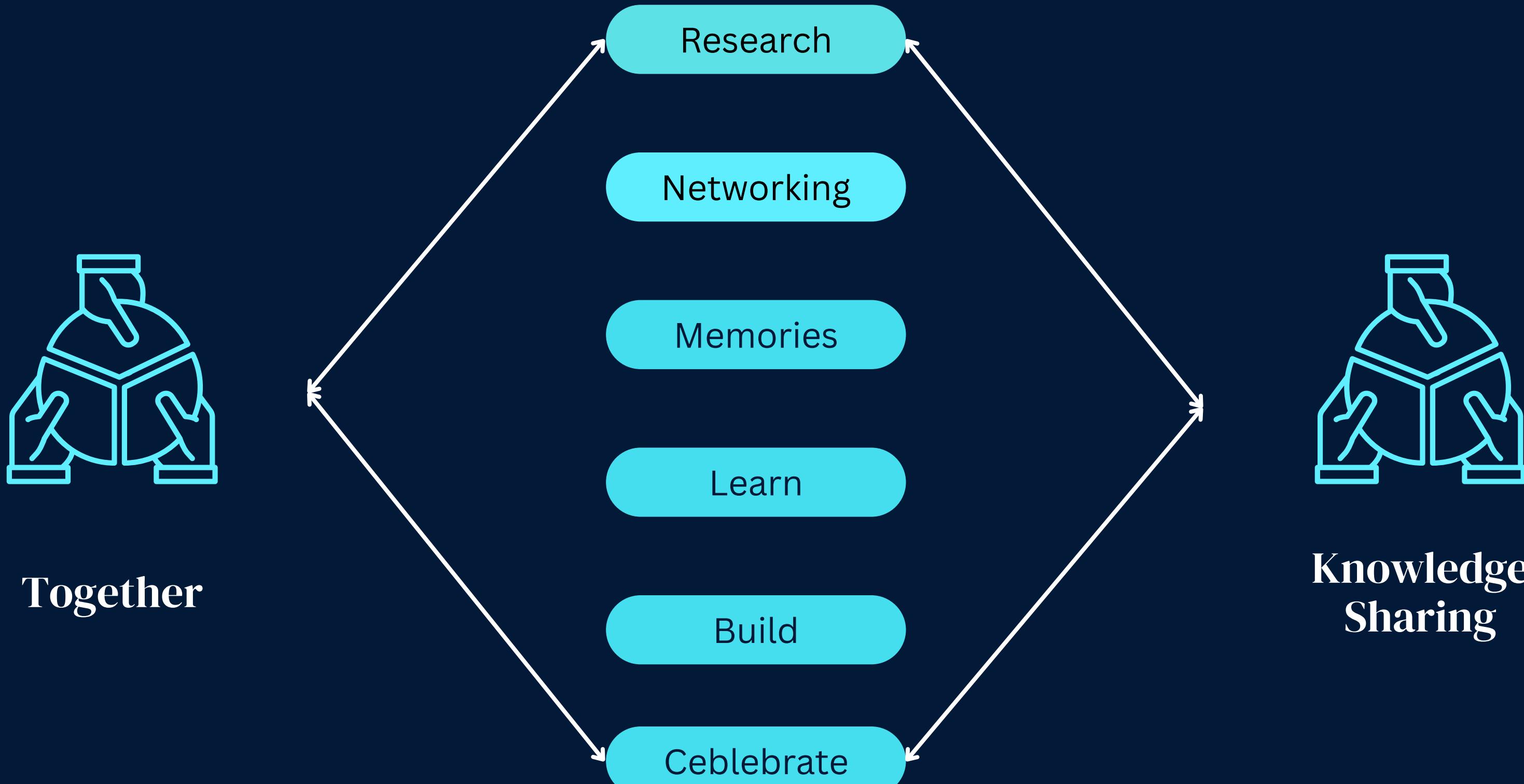
Our History

May 2025: We met our core team members **Avanith** and **Pranathi**.



May 11th, 2025: Established the AI Fantastic Team

How can we make ourselves popular?



AIF Team Vision



To cultivate a space where **curiosity, creativity, and collaboration** drive **meaningful growth** - empowering us to learn, lead, and create **impact** with AI.

AIF Team Mission

To **explore, learn, and grow together** through research, professional development, and creative collaboration.

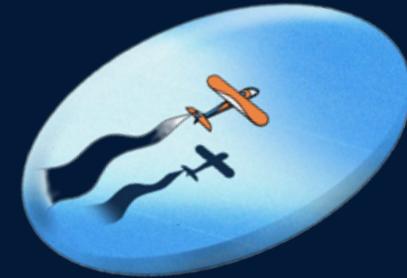
We strive to:

- Foster creativity, collaboration, and impactful learning of AI
- Explore research and opportunities that spark growth
- Build **our collective and personal brands with purpose**

Rami Huu Nguyen



I've spent the last 9 years of learning across Vietnam, Singapore, and Boston.



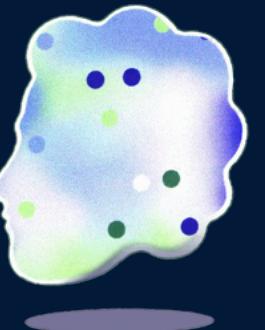
I've explored various knowledge in business, logistic, marketing, business analytics, and AI

AI Researcher, Assessment and Planning Department

PhD of Computational Science - Data Analytics at UMass Boston

Co-Founder, Technical Lead at The AI Fantastic

Co-Founder, Technical Project Leader at The AI Fantastic Team



Avanith



Machine Learning Fellow

Master of Science, Computer Science

Co-Founder and Technical Analyst, The AI Fantastic Team

RM-DenseNet: An Enhanced DenseNet Framework with Residual Model for Breast Cancer Classification Using Mammographic Images

Publisher: IEEE [Cite This](#) [PDF](#)

S Kishore Khan ; Avanith Kanamarlapudi ; A. Robert Singh [All Authors](#)

88
Full
Text Views

Abstract
Abstract: Breast cancer continues to be a significant health challenge and is the most common cancer in women, with millions of new cases diagnosed each year. Early diagnosis of breast cancer is crucial for improving treatment outcomes and survival rates. Traditional methods of interpretation heavily rely on human expertise, which is time-consuming and often leads to missed diagnoses or false positives. Researchers have developed deep-learning models to analyze mammograms and other medical images for early detection of breast cancer. The proposed model, which combines the DenseNet121 with a residual model (RM-DenseNet), aims to improve feature reuse and learning in deep networks, potentially leading to better performance in classifying breast cancer images. The effectiveness of preprocessing techniques, including Gaussian blur for denoising and horizontal flipping for data augmentation, enhances model robustness and generalization capabilities. This research uses a Dataset CBIS-DDSM, which contains digital mammography images and annotations for various abnormalities, including masses and calcifications. The proposed method is compared with state-of-the-art techniques such as AlexNet, VGG16, and ResNet50 and achieves a better accuracy of 96.50 %. The research outcomes show that the proposed framework can potentially improve patient outcomes and contribute to the advancement in the classification of breast cancer using mammographic Images.

Document Sections

I. Introduction

II. Related Works

III. Proposed Method

IV. Result Analysis

V. Conclusion

Authors

Figures

References

Keywords

Metrics

Published in: 2024 2nd International Conference on Advancement in Computation & Computer Technologies (InCACCT)

Date of Conference: 02-03 May 2024

DOI: [10.1109/InCACCT61598.2024.10551125](https://doi.org/10.1109/InCACCT61598.2024.10551125)

Date Added to IEEE Xplore: 11 June 2024

Publisher: IEEE

ISBN Information:

Conference Location: Gharuan, India

“I love artificial Intelligent, machine learning and medical imaging.”



My LinkedIn

Pranathi



Driven by curiosity and creativity, I build AI solutions that merge innovation with human understanding.

As a **visual representator and idea generator**, I love working with colors, design, and technology to bring ideas to life.



Machine Learning Fellow

Master of Science, Computer Science

Co-Founder, and Creative Technologist at
The AI Fantastic Team

technology

Ila



AI for Impact

Bridge for Human Centered Innovation

Inclusive and Ethical Digital Transformation

Digital Transformation, Change Management, IT Project Management

AI Researcher, Independent

Co-Founder, Program Leader at The AI Fantastic

Co-Founder, Creative Strategy Lead at The AI Fantastic Team



PROJECTS IN ACTION



Avanith

Website Building Workshop



From Prompt →
Page in Minutes

No Code, Just
ChatGPT!!!!

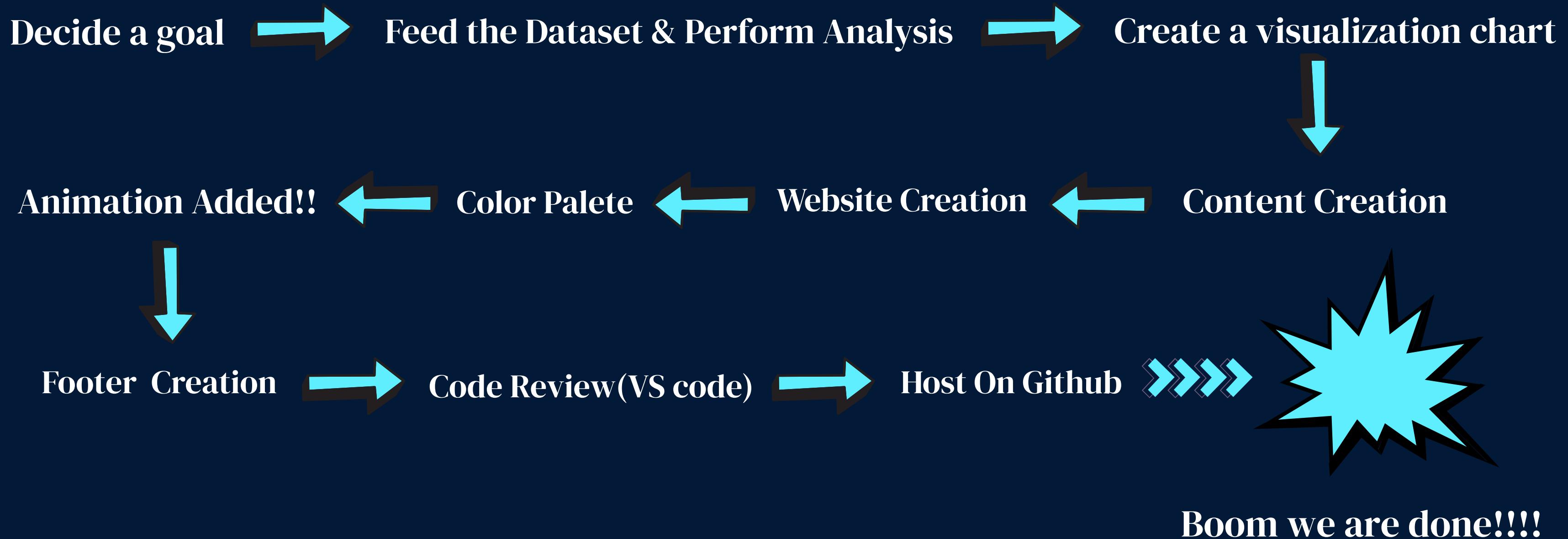
By Avanith Kanamarlapudi, Rami Huu Nguyen, Lakshmi Pranathi Vutla, and Ilia Lama

The Future of Website Building?

What if I told you... you can build a website without knowing how to code?



Workflow



Final Website

Social Media Engagement Dataset Analysis |

This is a **data analysis project** based on the [Social Media Engagement Dataset \(Kaggle\)](#). The dataset captures the pulse of viral trends across **Facebook**, **Instagram**, and **Twitter**. It reveals how audiences respond to different **platforms**, **post types**, **sentiments**, and **timing** by analyzing *likes*, *comments*, and *shares*.

Beyond simple metrics, it enables:

-  **Trend analysis** – finding what makes posts viral
-  **Sentiment modeling** – exploring tone vs. engagement
-  **Influencer & marketing insights** – understanding what content drives reach

The goal is a clear, interactive, scrollable story with presentation-ready charts you can re-use anywhere, while also learning how social media behaviors evolve globally .

[View Dataset](#) [View Notebook](#)

#SocialMedia #Engagement #DataAnalysis #Visualization #Insights

Creating The Largest Mamogram Database- OmamaDB

By Avanith Kanamarlapudi, Rami Huu Nguyen, Lakshmi Pranathi Vutla, and Ila Lama



Pranathi



Tutorial My Project Free

File Assets Q

Pages +

Wireframes (Desktop)

Components

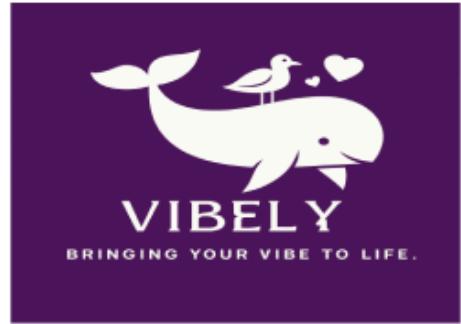
Prototype

All 3 free pages used. [Get unlimited pages & more](#)

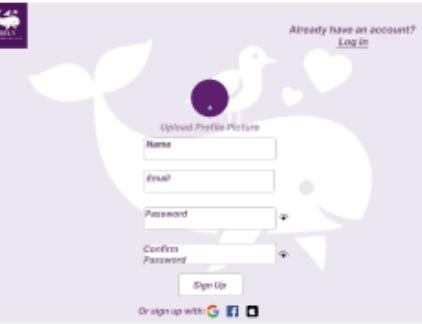
Layers

- image 6 🔒
- image 3 🔒
- T Smartwatch Voice Assistant 🔒
- T → 🔒
- T Select Genre 🔒

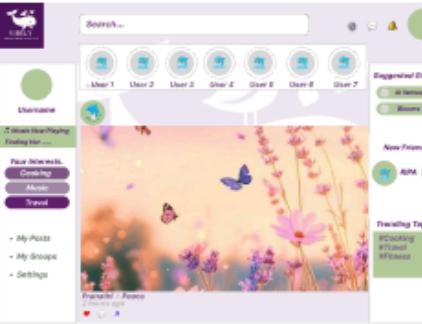
Logo & Loading



Sign-Up



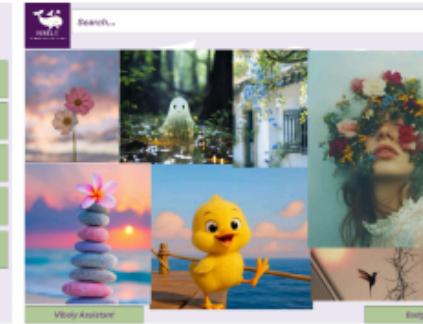
Home Page



Settings



Feed



Design Prototype 14%

Page

FFFFFF 100 % ○

Show in exports

Variables ⌚

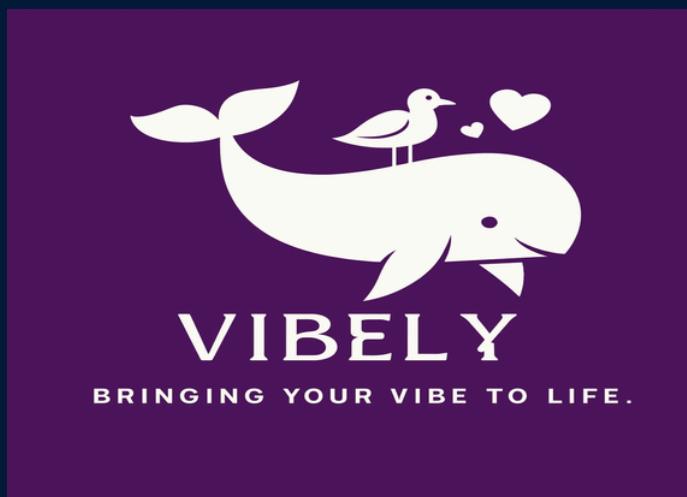
Styles +

Export

1x ... PNG ...

Export Tutorial

Preview



Vibely – Intentional Connection through AI



DEVELOPING AI FOR

Explain Recommendations Using LIME and SHAP

In this block, we use the LIME (Local Interpretable Model-Agnostic Explanations) and SHAP (SHapley Additive exPlanations) libraries to explain the movie recommendations generated by both LightFM and NCF models. Genre features are binarized using a MultiLabelBinarizer.

For each of the first 10 users:

- The top recommendation is explained using LIME (feature influence visualization) and SHAP (feature importance ranking).
- Both positive and negative genre influences are identified and printed in friendly text formats for user understanding. This improves the interpretability and trustworthiness of the recommendation models.

```
[ ] # =====
# LIME + SHAP Explanation Code with Text Summaries (FINAL CLEAN VERSION)
# =====

!pip install lime shap

import shap
import lime
import lime.lime_tabular
from lime.lime_tabular import LimeTabularExplainer
from sklearn.preprocessing import MultiLabelBinarizer
import numpy as np
import pandas as pd

# Step 1: Prepare genre features (skip if already done)
# ... (code for preparing genre features)
```

EXPLANABILITY

AI Fantastic Ideas to Reality

Idea Generation Lead + Full-Stack Developer
Turn ideas → working AI projects
Collaborate with Rami | Avanith | Ila
Blending Creativity + Code + Impact





Ilia



All In, All Fantastic

The AI Fantastic Team
Higher Education
Open minds. Shared knowledge. Grow Together. ❤️

[Follow](#)

About us

We're The AI Fantastic Team A group of researchers and creatives who explore, learn, and grow together through research, events, and collaboration. We developed this Team in May 2025, and our Fantastic team includes Rami Huu Nguyen, Ila Lama, Avanith Kanamarlapudi, and Lakshmi Pranathi Vutla, brings together backgrounds in Computer Science, AI, Entrepreneurship, Business, and Marketing. We established The AI Fantastic Team to explore research and attend events together to learn, connect, and grow. Most importantly, we aim to build our team brand while also strengthening each individual's personal brand. We're always looking to learn, share, and collaborate. Reach out and say hello at theaifantasticteam@gmail.com and on Instagram @theaifantasticteam ! #afantastic #ai #boston #together #ramihuunguyen #ilalama #avanithkanamarlapudi #lakshmiranathivutla

Website	https://www.instagram.com/theaifantasticteam/
Industry	Higher Education
Company size	2-10 employees
Headquarters	Boston
Type	Partnership
Founded	2025
Specialties	Artificial Intelligence, Research & Innovation, Community Centered Design, Education Technology, Data Ethics, STEM Outreach, Systems Thinking, Applied Machine Learning, Social Media, Generative AI, Human Centered AI, Digital Transformation Strategy, and Interdisciplinary Collaboration

Group presentations at 6pm on a Saturday?
Only with AI Fantastic [...more](#)

with You and 5 others

Johnny Tran and 72 others

5 reposts

AI Fantastic Bytes Series
Title: Vibe Coding: When Prompts Become Programs [...more](#)

Vibe Coding: When Prompts Become Programs

The AI Fantastic Team

Johnny Tran and 10 others

7 comments · 3 reposts

LinkedIn

Ila Lama · You
AI for Impact | Digital Transformation | I...
2w ·

What happens when you mix storytelling, curiosity, and a pinch of entrepreneurial flair? [...more](#)

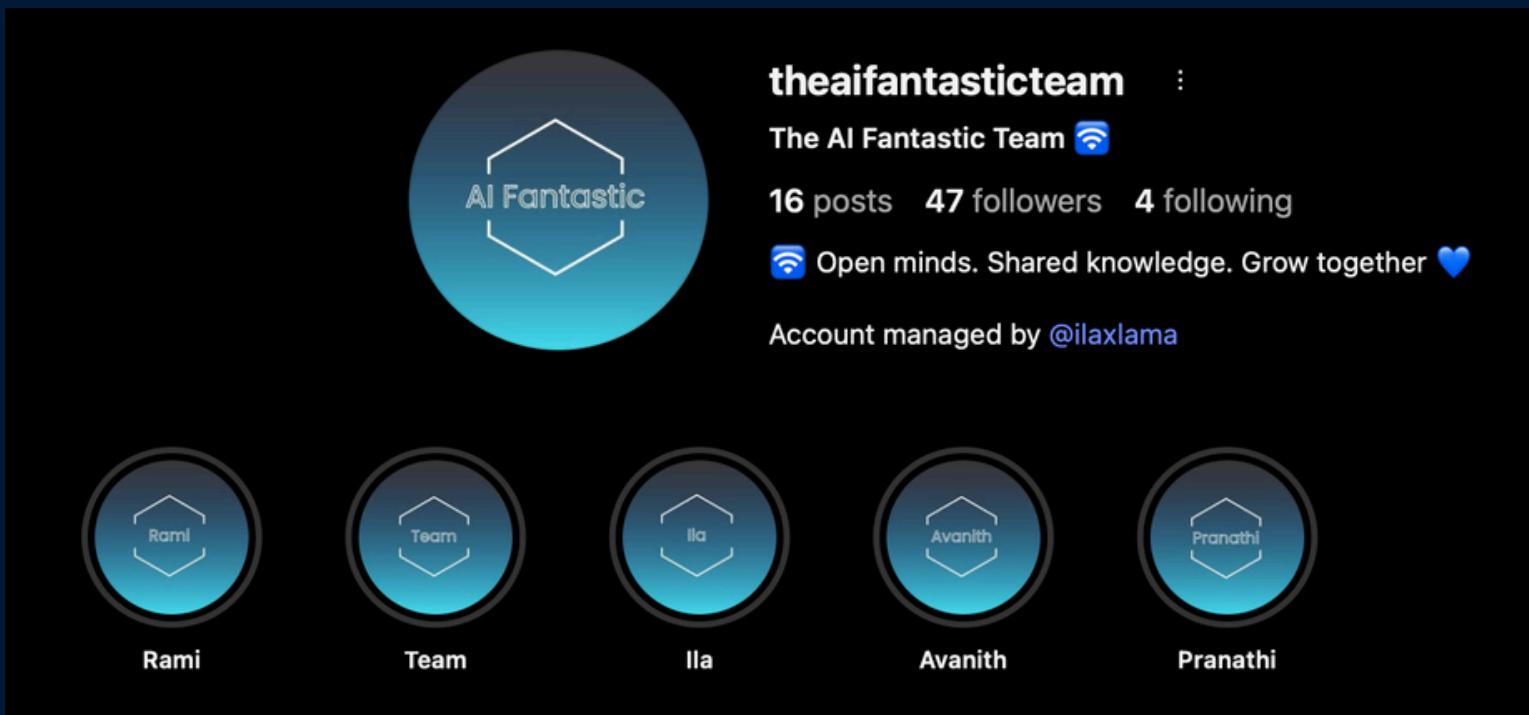
CODE-SWITCH SERIES: VOICES IN AI
2025
Ila Lama

PRESENTED AT THE AI FANTASTIC

Johnny Tran and 19 others 6 reposts

Like Comment Repost Send

1,134 impressions [View](#)



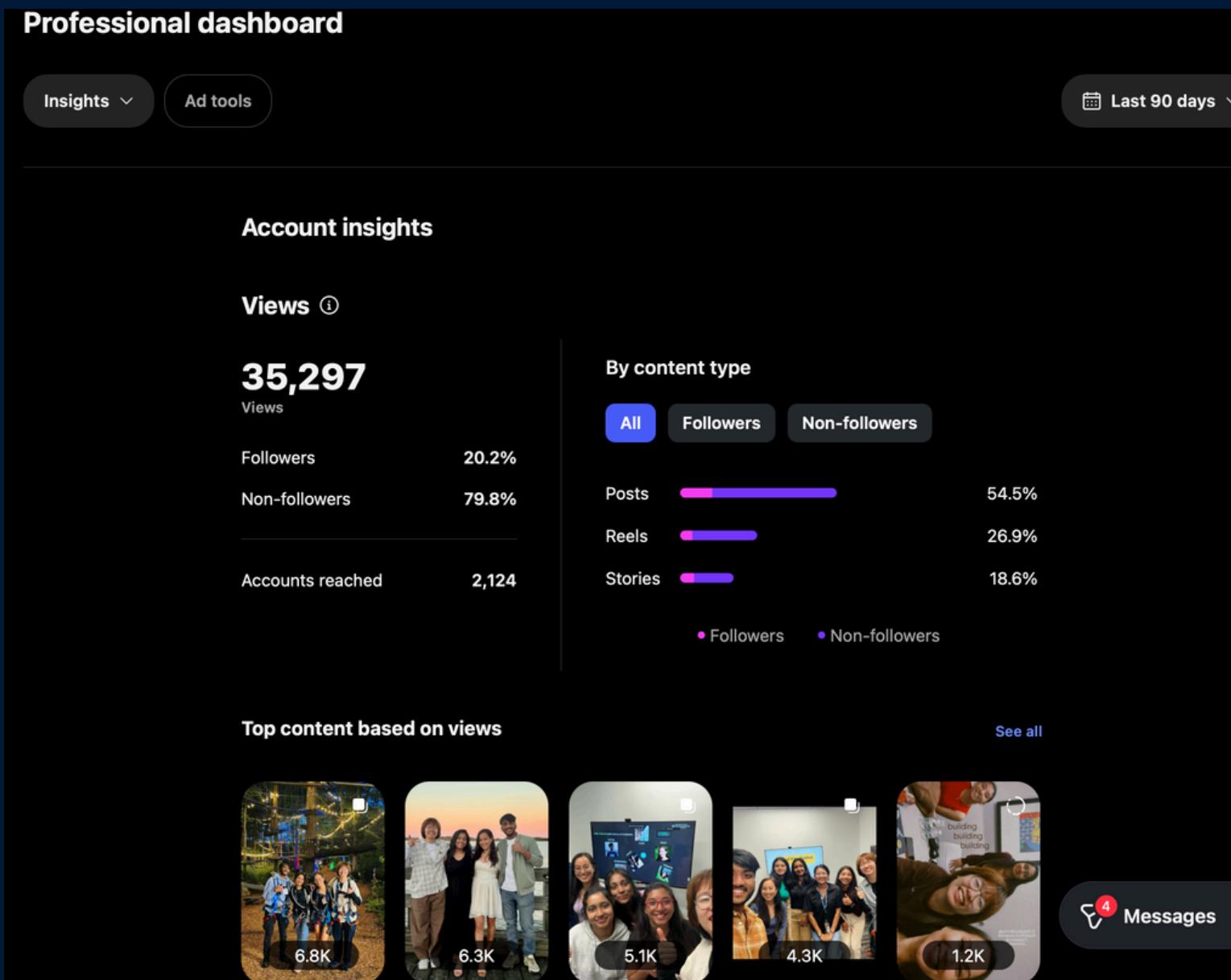
theaifantasticteam · The AI Fantastic Team

16 posts · 47 followers · 4 following

Open minds. Shared knowledge. Grow together ❤️

Account managed by @ilaxlama

Rami Team Ila Avanith Pranathi



Professional dashboard

Insights · Ad tools · Last 90 days

Account insights

Views 35,297

Followers 20.2% · Non-followers 79.8%

Accounts reached 2,124

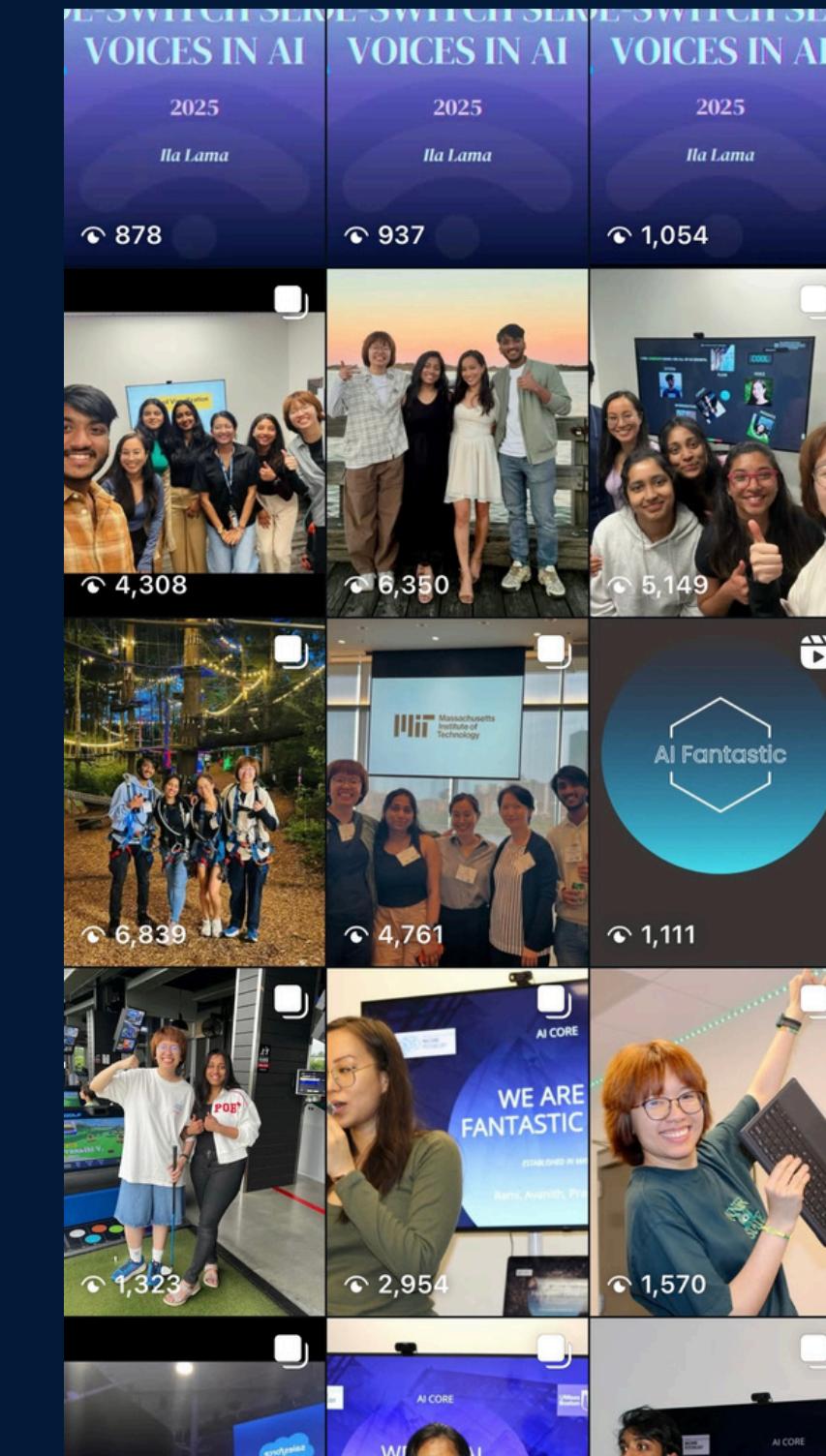
By content type

Category	Followers	Non-followers
Posts	54.5%	45.5%
Reels	26.9%	73.1%
Stories	18.6%	81.4%

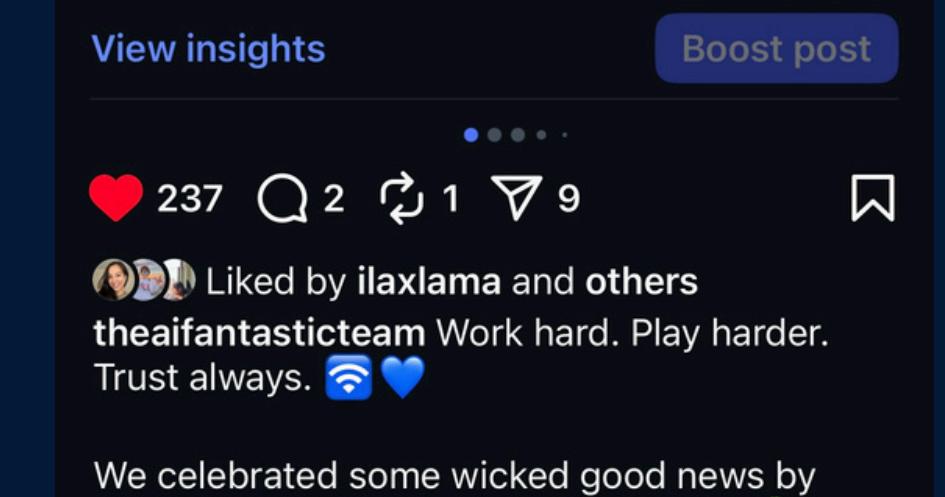
Top content based on views

6.8K · 6.3K · 5.1K · 4.3K · 1.2K

4 Messages



Instagram



AIF Program

- Building and Storytelling
- Create, Reflect, Communicate



The Four P's

- Product
- Price
- Place
- Promotion

The Four P's: Product

Collaborative hub for mentoring and creative AI exploration

Offerings:

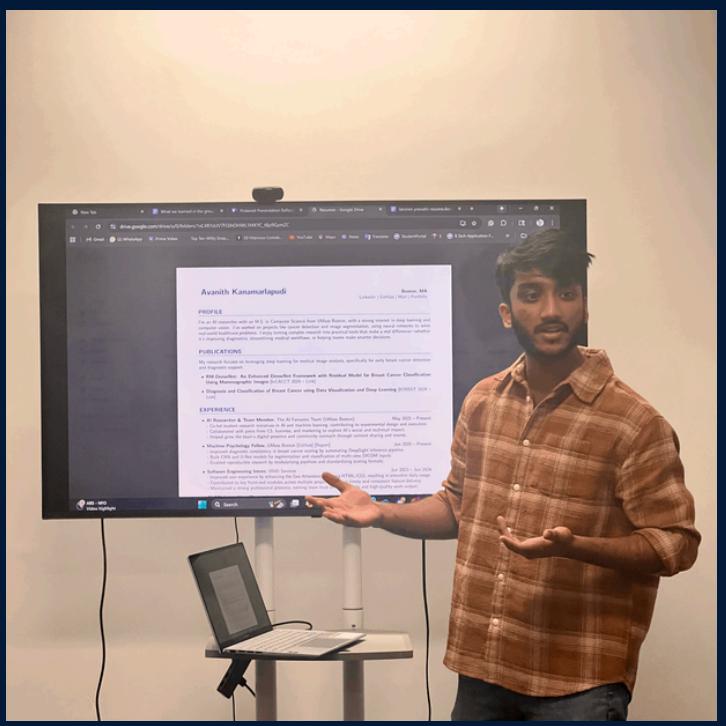
- Independent and collaborative AI **projects**
- Workshops and public **artifacts**
- Mentor our **future generations**

Value :

- Hand on learning experience and research exposure
- Research exposure
- Community belongs
- Personal and professional brand building



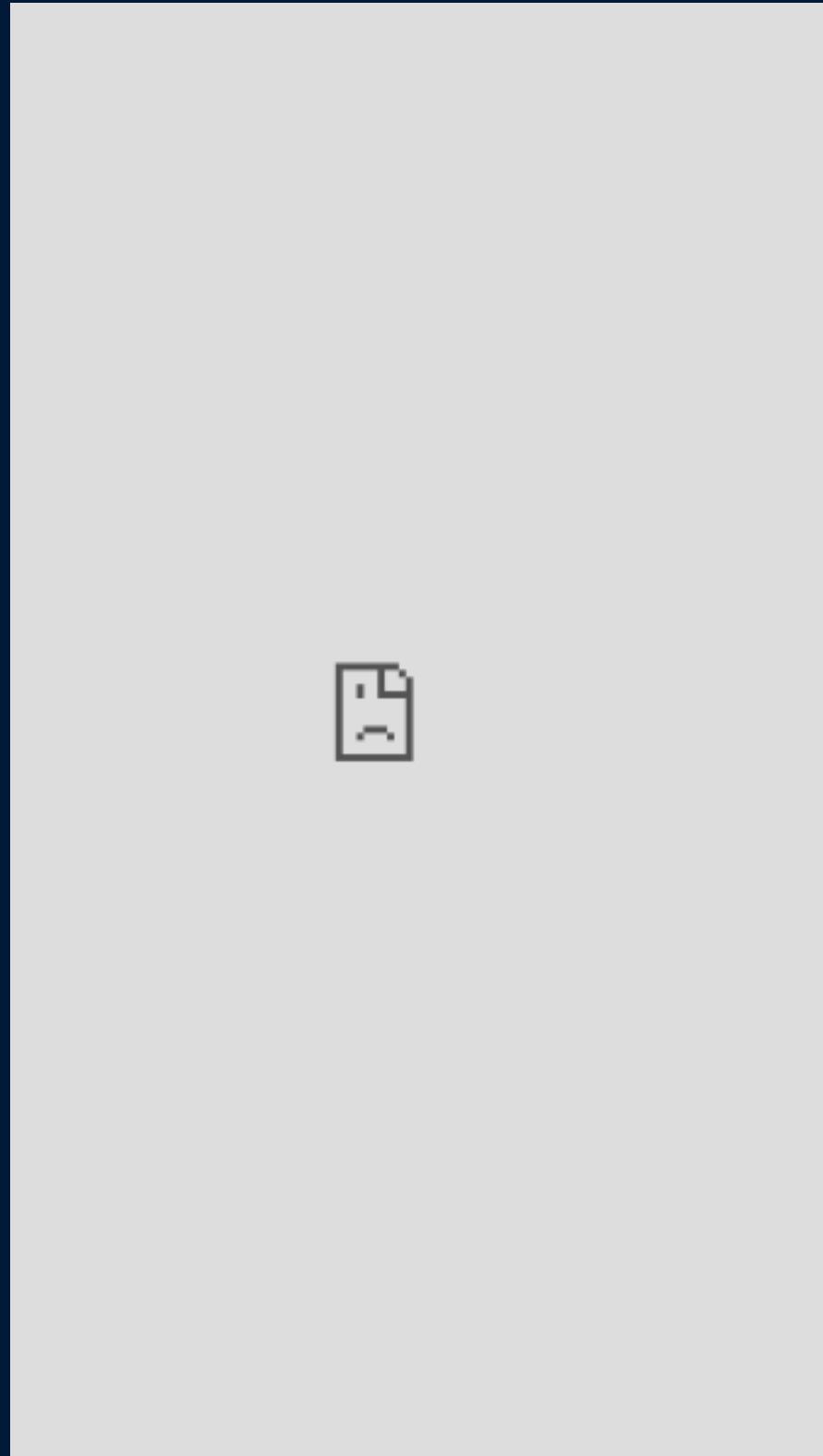
August Group Presentation



September Group Presentation



Group Works





Networking together



Enjoy together

The Four P's: Price

Our currency is curiosity, effort, and collaboration

Our Price: Intellectual Investment. Collaboration. Interdisciplinary growth.

How it works:

- **Mentors: Expertise, guidance, creativity**
- **Mentees: Time, curiosity, and commitment to learning**

The Four P's: Place

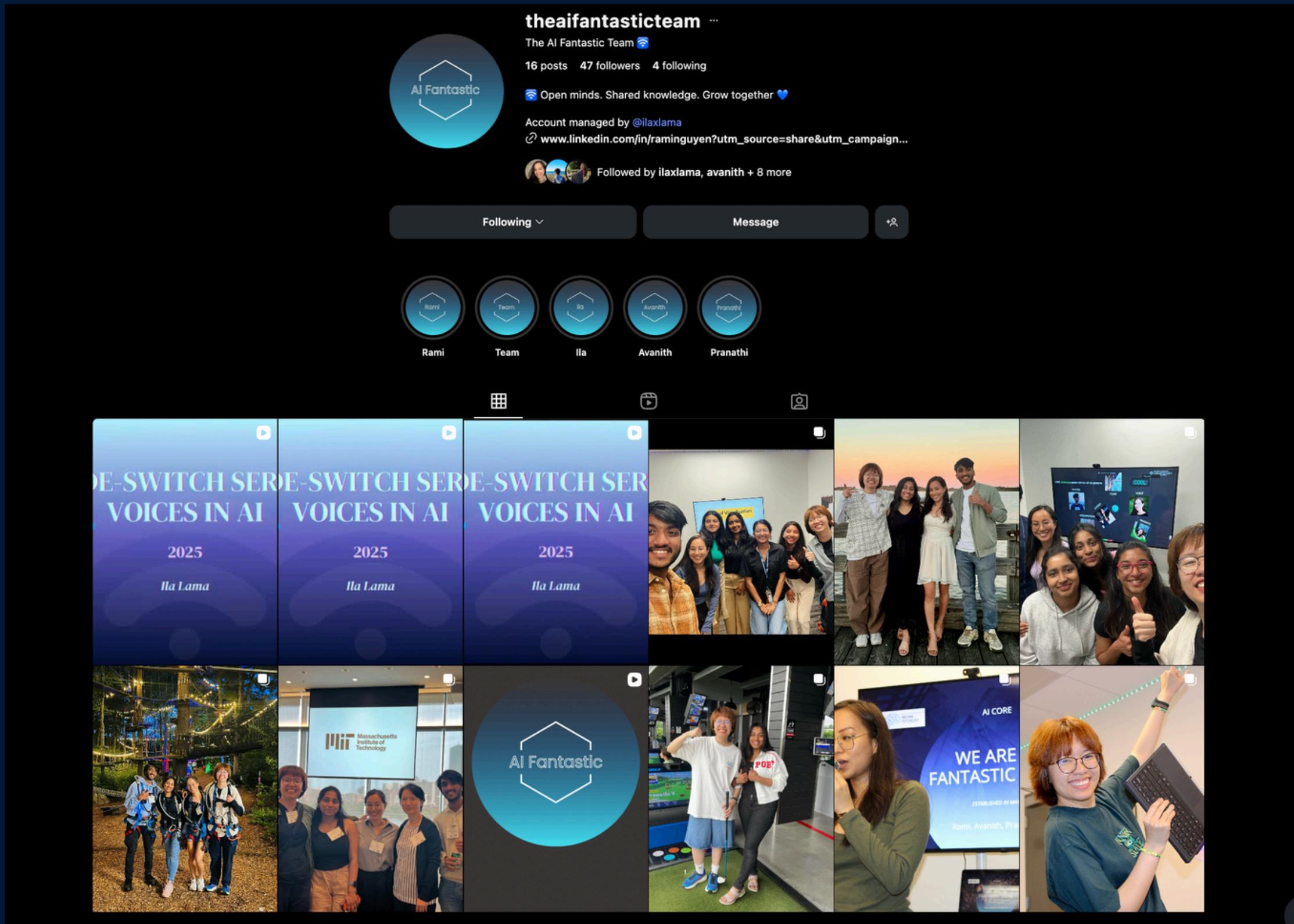
We bend physical academic and professional spaces and vast digital networks

- **Digital Spaces**
 - **Virtual sessions**
 - **Social media**
 - **GitHub**
- **Physical Spaces**
 - **Universities**
 - **Networking events**
 - **Conferences**
 - **Team social events**

The Four P's: Promotion

Storytelling, visibility, and shared purpose

- Social media presence
- Authentic personal branding
- Speaking & Networking events
- Collaborations & Mentorship







The header features the team's logo, which is a blue hexagon with the text 'AI Fantastic' and a white hexagonal outline. To the right is the tagline '“All In, All Fantastic”' in a large, white, serif font. A small bell icon for notifications is in the top right corner of the header area.

The AI Fantastic Team

 Open minds. Shared knowledge. Grow Together. ❤️

Higher Education · Boston · 55 followers · 2-10 employees

 Ila & 1 other connection work here

[Message](#) [Following](#) [...](#)

[Home](#) [About](#) [Posts](#) [Jobs](#) [People](#)

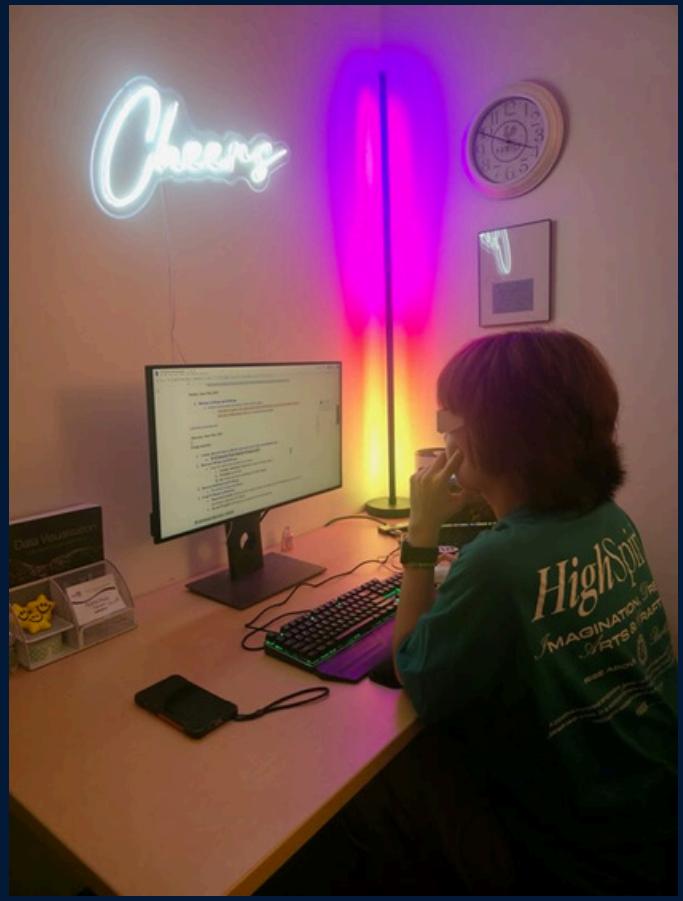
Overview

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ACTIVITY

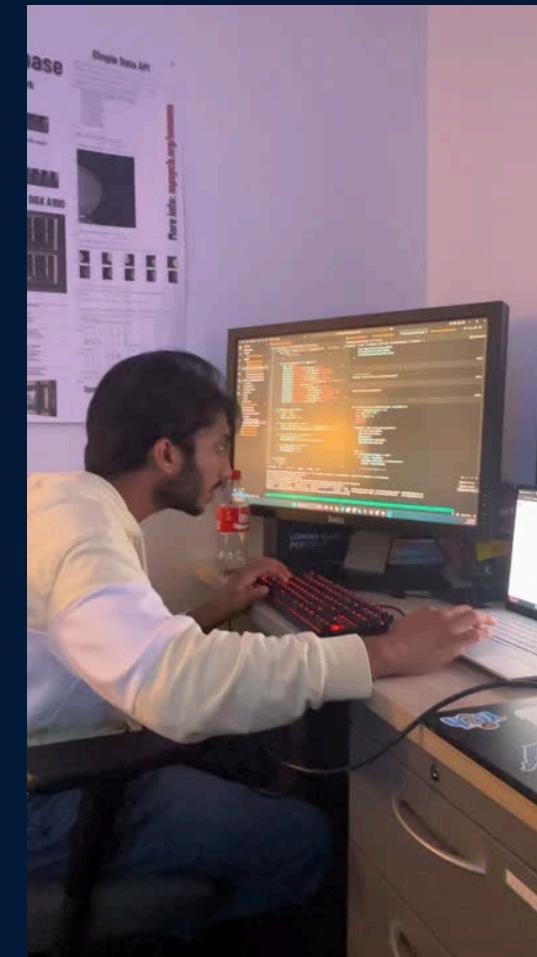
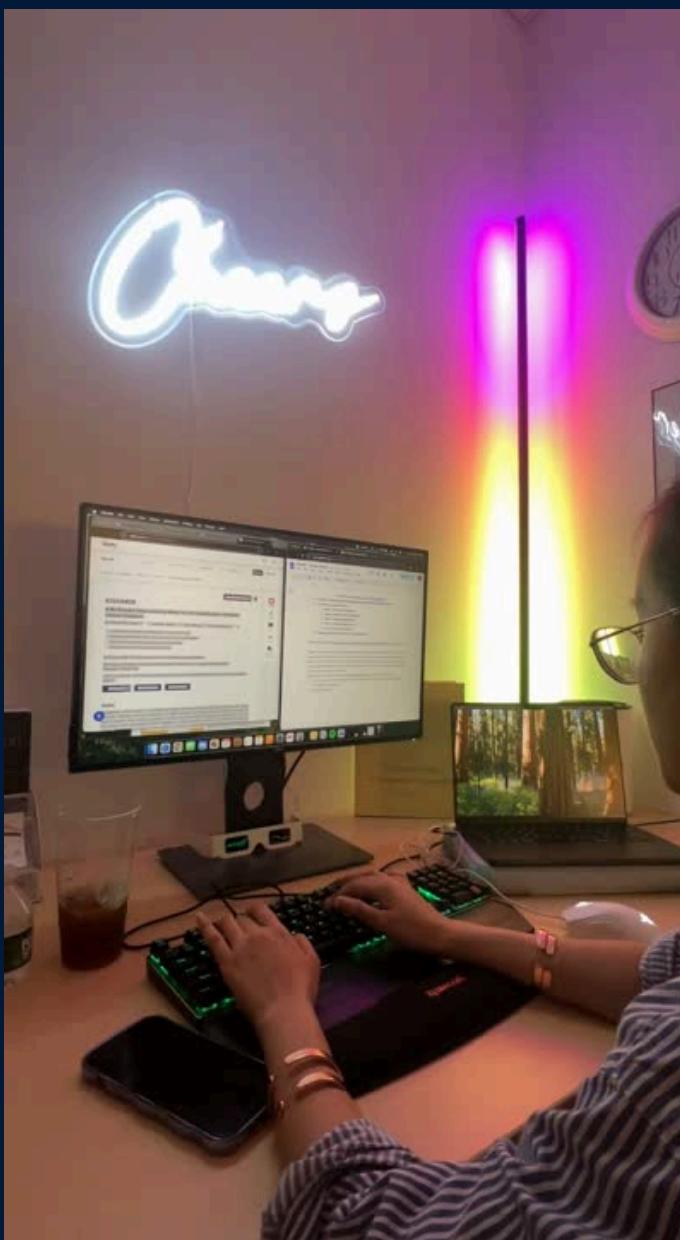
5 MINUTES

1. Form a group of 2-3 people.
2. Imagining you are a leader for the AIF team, what are you offering for 4Ps?
3. Create one slide to share your works.



TOGETHER

MAKE



IT



HAPPEN

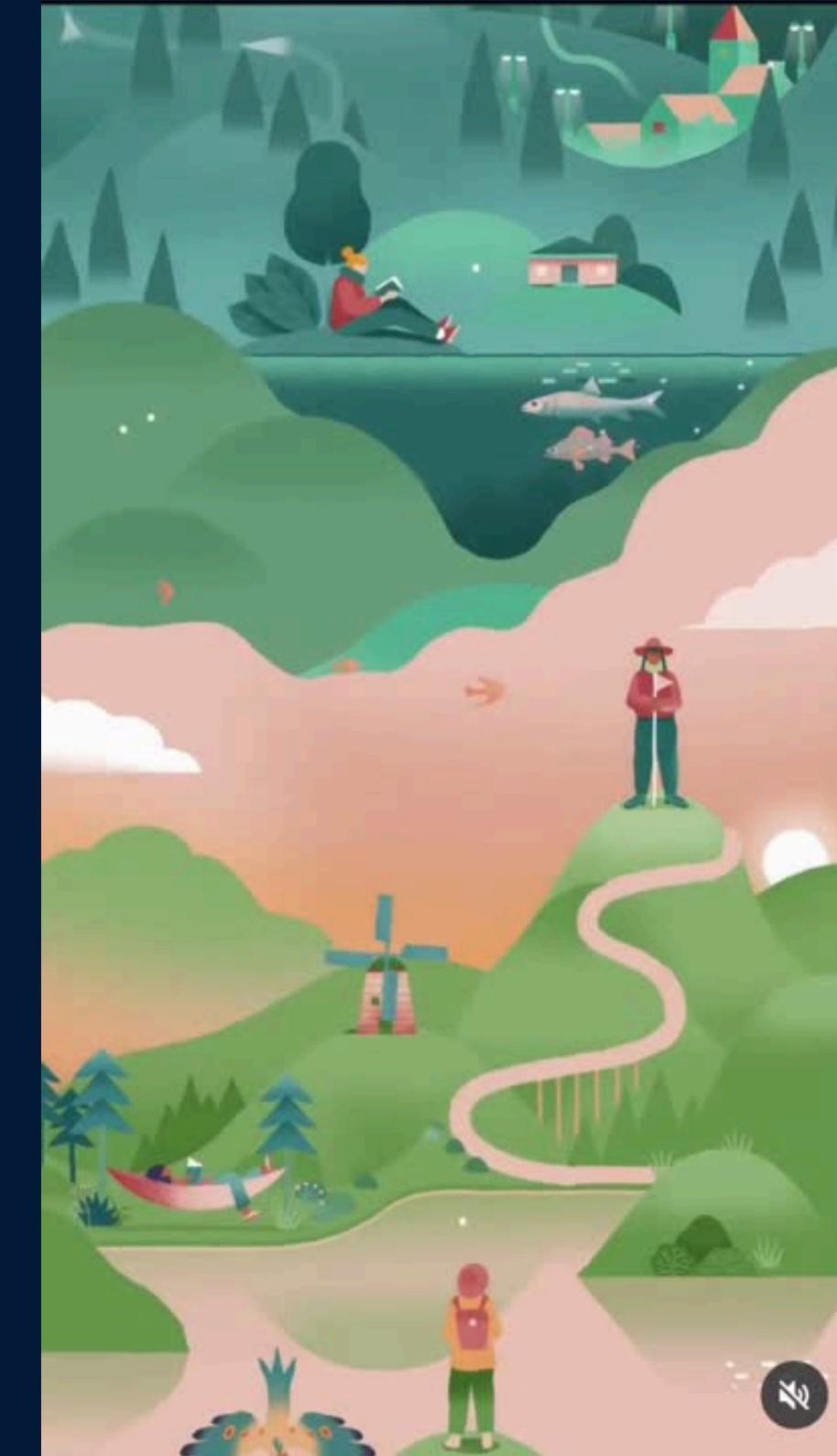


Popular

Connection

Support next
mentee

MISSION
STAYS
LEGACY.



CREDIT BY RAFA VARONA

THANK YOU! CONNECT WITH US.



The AI Fantastic Team



LEARN MORE ABOUT OUR TEAMS



Rami



SCAN HERE



Ila



SCAN HERE



Avanith



SCAN HERE



Pranathi



SCAN HERE