

AI for People

AI for People

Associazione di ricerca no-profit per promuovere l'uso di IA in base alle esigenze umane e sociali

founders



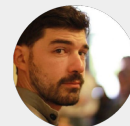
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*Vincenzo
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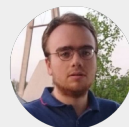


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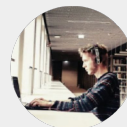
management
team



*Gabriele
Graffieti*



*Matteo
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*Philipp
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AI for People

Siamo un team interdisciplinare

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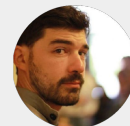
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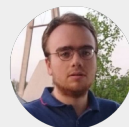


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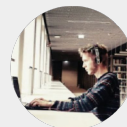
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AI for People

Con uno scopo

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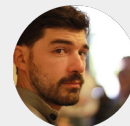
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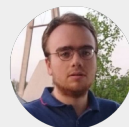


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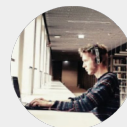
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AI for People

Garantire che lo sviluppo della tecnologia AI **parta da e sia al servizio** delle persone ed i cittadini

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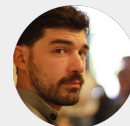
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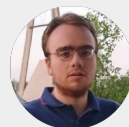


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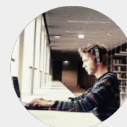
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Mission

Cosa vogliamo evitare



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Lomonaco



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Mission

Cosa vogliamo ottenere



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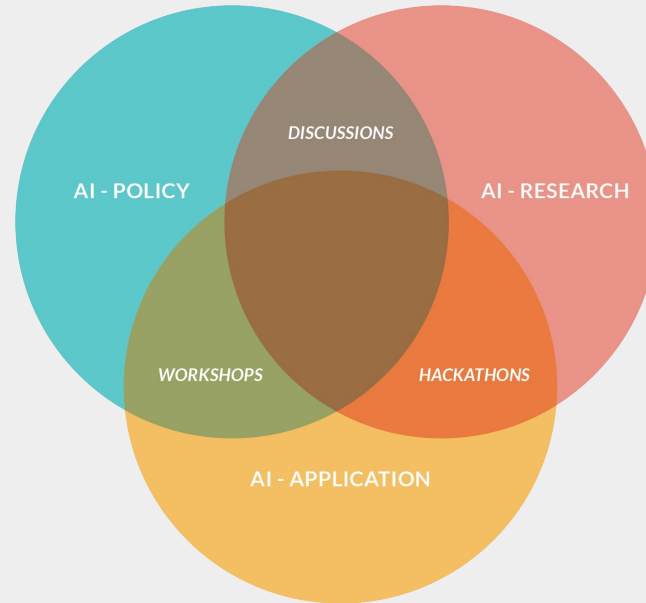
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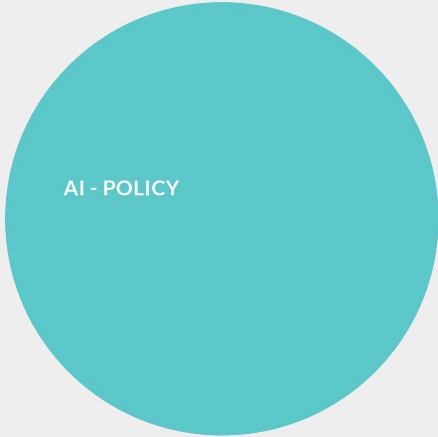


Come?



AI Policy

<https://www.aiforpeople.org/policies/>

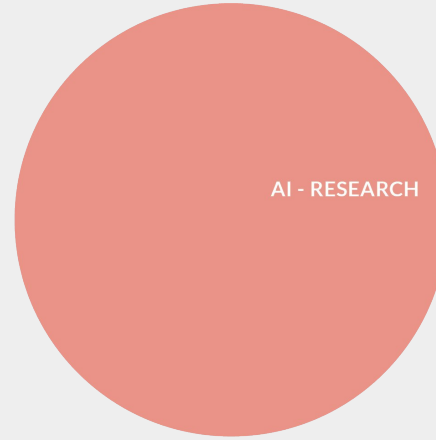


AI - POLICY



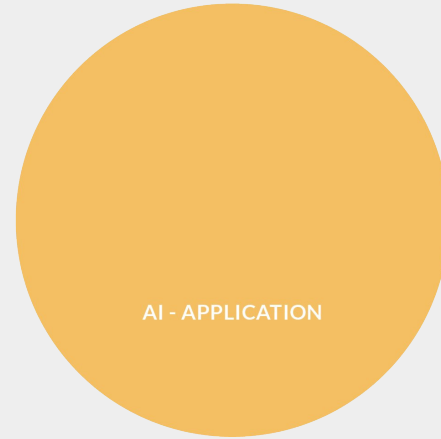
AI Research

<https://www.aiforpeople.org/research/>

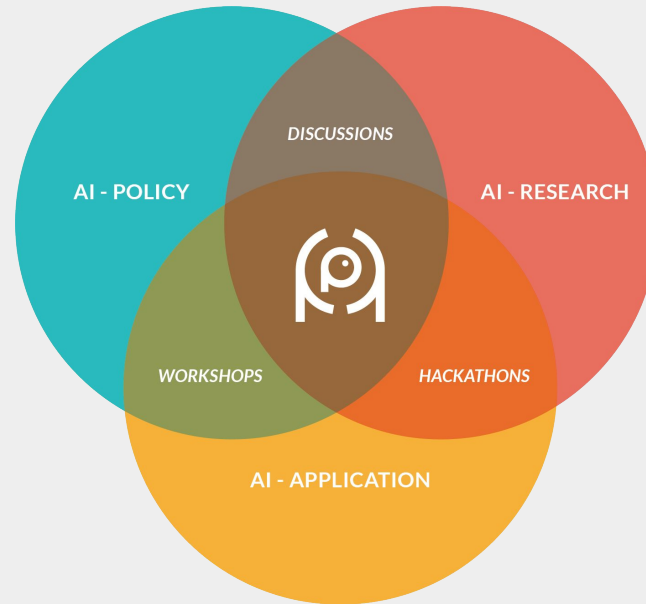


AI Applications

<https://www.aiforpeople.org/projects/>



Our Activities



Our Activities

Coding Class

Hello and welcome to the **AI for People** coding class.

Over the course of the next four weeks, we will have a look at the fundamentals of programming and we will get you started writing your own first few lines of code. Moreover, we will have a look at what code actually is, how you can understand it and how the computer makes sense of it. Although, we'll start coding with the easy-to-learn Python programming language, we'll have a brief overview of other programming languages. In the end, we'll see if we can get you started with your first programming project and the class will end with a brief conclusion on Artificial Intelligence.

Here is an overview of the basic information:

- **When:** 15.05-05.06.2020 Fridays and Tuesdays 5-6.30pm (UTC+1)
- **What:** Introduction to Programming ([Syllabus](#)) with Python



Progetto su land degradation

- Idea nata durante l'incontro di DataScienceSeed di Gennaio 2020.
- Utilizzo ed analisi di immagini Sentinel per i più svariati scopi:
 - Deforestazione
 - Sovra-urbanizzazione
 - Disastri ambientali
 - ...
- Nostro focus sia sulla parte tecnica che sociale.



Progetto su land degradation

Obiettivi

- Produrre un'applicazione che possa essere utilizzata da un elevato numero di persone in tutto il mondo.
- Effettiva risoluzione di problematiche esistenti
 - Es. monitoraggio della deforestazione in aree difficilmente accessibili.
- Partecipazione alla IBM call for code 2020.



Progetto su land degradation

Cosa abbiamo

- Download automatico delle immagini sentinel.
- Trasformazione delle diverse bande in array *numpy*.
- Calcolo degli indici NDVI e NBR.
- Visualizzazione delle bande combinate e degli indici.
- Confronto temporale tra indici.



Progetto su land degradation

Problemi principali

- Computazione locale.
- Utilizzo ancora macchinoso e non user-friendly.
- Alto livello di outliers durante il confronto temporale tra indici
 - Ombre, nuvole, posizione del sole, umidità...

La nostra applicazione è al momento solo un prototipo.

Il progetto è solo all'inizio e aiuto è più che benvenuto!

Se siete interessati non esitate a contattarci!



Support us!

<https://www.aiforpeople.org/supporters/>

SUPPORTERS

AI for People is an official non-profit research organization. **Donors** and **Sponsors** are the financial backbone of our activities. As for the AI for People striving effort to be *open*, *collaborative* and *inclusive*, all the documents of the organization (including a detailed yearly financial statement) are openly accessible on our website.

Please consider donating to AI for People to support our mission to create and consolidate an open community of researchers and enthusiast working together to arrive at actionable solutions on how AI can be used for a positive social impact! Every backer or sponsor will be listed in this page (contact finance@aiforpeople.org for further information).

Choose amount ● ○ ○ →

Donate monthly to help us reach our goal!

One-time

♥ Monthly

Our Contacts

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