Food and Agriculture Organization of the United Nations

Introduction to the CAVA (Climate and Agriculture risk Visualization and Assessment) framework

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Content

1. Understanding what CAVA is
2. Quick tour of CAVA Platform
3. Deep dive into CAVA Analytics

All the necessary information and material used in this training is available in our

GitHub repository

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Introducing the problem

- Pre-computed data
- Limited in the analysis that can be performed
- Limited customization of exported information
- ..

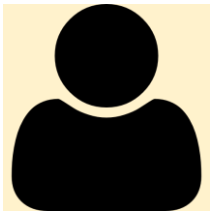
Platforms,
Secondary data sources,
GUI

?

- Expensive
- "Only" offers computational resources and access to data (COPERNICUS DIAS?)
- ..

Cloud computing, download and process their own data

Standard user



Intermediate user

Advanced user

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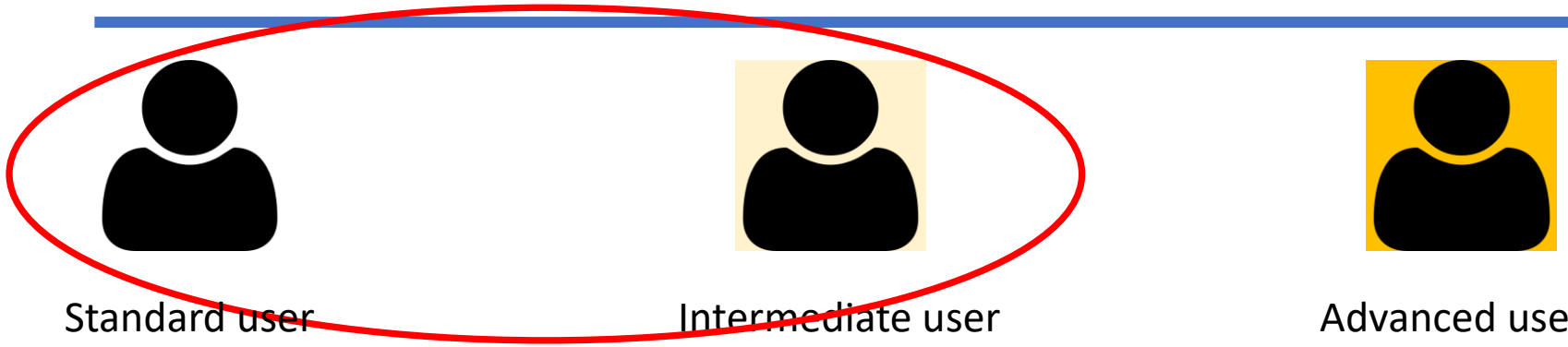
Introducing our approach

Platforms ⟷ Cloud computing

- More flexible than Platforms but more constrained than Cloud computing (set up your own VM, etc)
- Not expensive
- Something in between?



Standard user | Intermediate user | Advanced user

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Introducing our approach

CAVA Platform (general user)

- Freely accessible
- Produces automatic reports
- Focuses on agroclimatic indexes

CAVA Analytics (specialised user)

- Pre-set Cloud infrastructure
- Access to raw data
- Analysis performed on the fly
- Environment that allows user to quickly learn how to perform analysis

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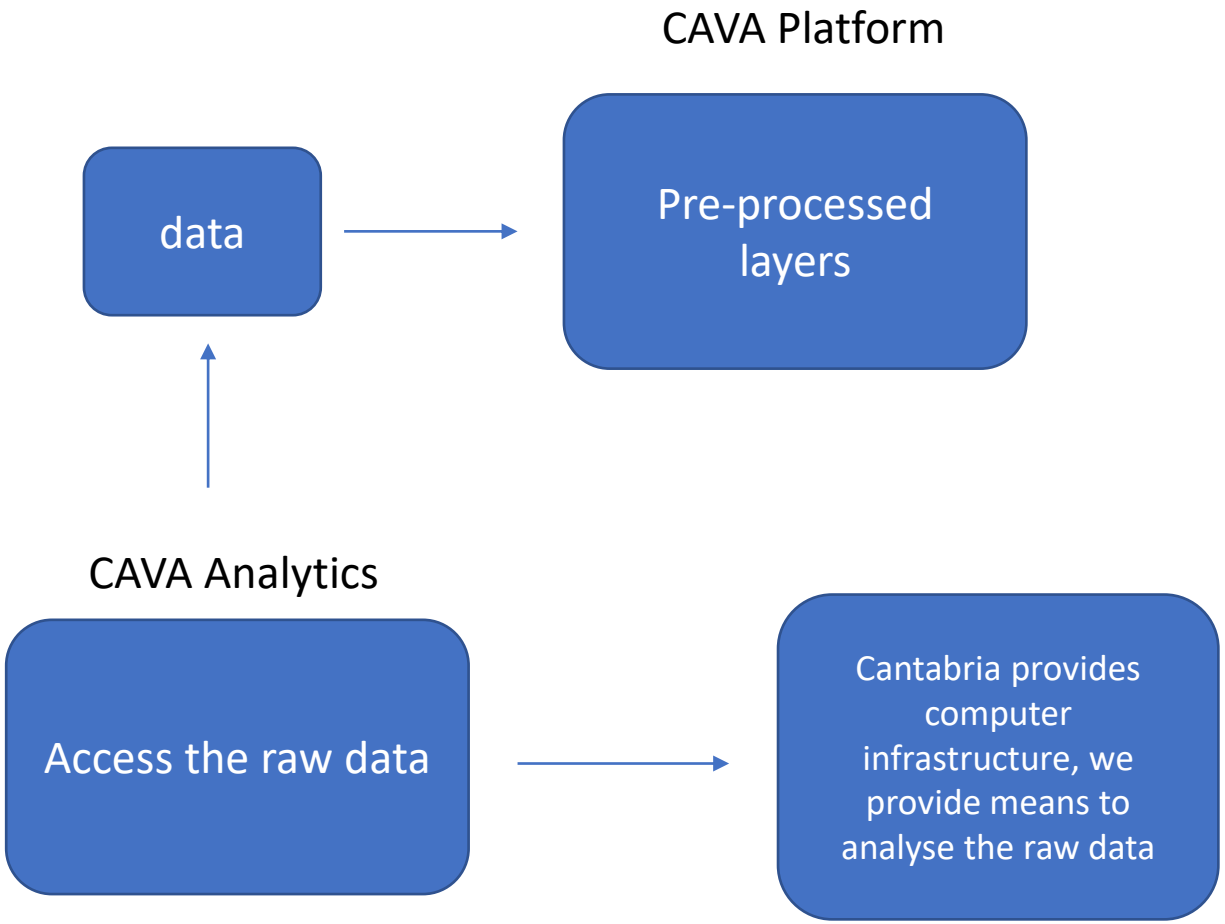
The CAVA framework



Thank you!

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