agrevent ux survey

Enviar

Preguntas Respuestas 4

4 respuestas

Se aceptan respuestas

Resumen Pregunta Individual

Name

4 respuestas

- Dueri
- Hugo Andres Dorado
- italo granato
- Llorenç Cabrera-Bosquet

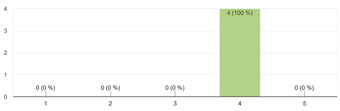
Research Area

4 respuestas

- Crop Modelling
- Agricultura ciencia de datos
- quantitative genetics
- Plant Sciences

Q1. Are the pipeline steps conducting the user to reach the final task?

4 respuestas



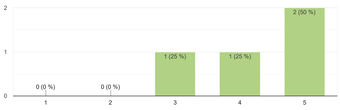
Comments Q1.

2 respuestas

- The pipeline steps are clear. The only thing I did not understand is why you need to fill the right column and left column in the joiner. It is not supposed to be the same name for both all the time?
- Yes, the steps are clear.

Q2. Does the application provide enough information about the current status?

4 respuestas



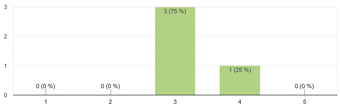
Comments Q2.

2 respuestas

- You could add some links with other examples in the web in order that users have the option to explore different applications of this tool.
- It was not clear to me where the code inside each step of the pipeline is and how can be modified

Q3. Do the Errors and notifications help the user to avoid application inconsistencies?

4 respuestas



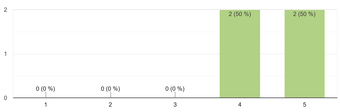
Comments Q3.

1 respuesta

- To my knowledge it was not shown in the video

Q4. What score would you give this application?

4 respuestas



Q5. What do you like least/most about this application?

4 respuestas

- I like that it seems easy to use and that it is open source.
- The potential use that it can have for agriculture and the interface.
- it's a easy, not complex, pipeline to be applied by users with different levels of knowledge
- Looks very user friendly and easy to create a pipeline for exploring and analysing big data

Domain-specific questions

Q6. How could Big Data improve agriculture data analysis?

4 respuestas

- It could be used to complement other type of modelling, and find relation between components that were not found before.
- Big data could help to understand patterns on weather information, soil data, and management practices to improve farming decisions. Additionally, to develop solutions in real-time to avoid or reduce the risk of having a disease or pest in the crop. And, through advanced analytics methods could support to plant-breeding to develop better varieties.
- accuracy in the discovery plus the unveil of process never discovered before
- Gathering and reanalysing larges amounts of data orginating from multiple sources may help to test new hypothesis and models

Q7. Do you consider that the pipeline is mapping the real-life process to run regression algorithms for agronomic data, (why / why not)?

4 respuestas

- I assume that it depends on how it is used.
- Si, pero tal vez pueda complementar su canalización si agrega un paso en el que valida sus hallazgos con expertos, recuerde que con los datos siempre requerimos conocimiento experto que guíe el proceso analítico. Incluso, después de los comentarios de los expertos, a veces tiene que volver a la primera etapa de su proceso.
- yes, it takes the information from a daily base scale and take to genotype level, which is the required information from reseachers at the other tip of the process
- Yes, what is proposed here it is very similar to pipelines that we are used to run for extracting relevant information from phenomics data

Q8. Which components would you like to add for this pipeline? (for ex., support more regression models, or visualize more data steps)?

4 respuestas

- Maybe more regression models. And showing the regression equation on the curbe.
- Support more regression models, what about data cleaning?
- support to more regression models
- I would like to have access to code behind each step and more tools for visualisating data

Q9. Could this pipeline be adapted for some of your current problems?

4 respuestas

- Not sure
- Yes, for understanding the patterns that affect crop productivity.
- yes
- Definitely. It is a great tool, and it would be very useful to include this processing pipeline into the PHIS information system. This can help phenomic data users to esy explore and process bid data sets.

Q10. do you have some additional comments ?

4 respuestas

- No
- no
- I have a question whether processing time can be reduced or improved and how easy is to add new functionnalities into the platform (models, fucntions, visualization)