

WE CHOSE THIS PROYECT WITH THE OBJETIVE THAT THE ENTIRE INTERNATIONAL COMMUNITY CAN LEARN ABOUT AND HIGH-LEVEL PROJECT SUMMARY

We chose this project with the objective that the entire international community can learn about and explore more of the planet of Jupiter through innovative images, using the same tools that NASA offers us, what we want to achieve is that the images can have a better quality when looking at them. we will process the images by junocam raw to create scientific, artistic or entertainment purposes.

LINK TO PROJECT "DEMO"

<https://drive.google.com/file/d/1a0rmHCtAr4cnwOGndq39KC3KFxRyXf5B/view?usp=sharing>

DETAILED PROJECT DESCRIPTION

We will begin with investigating processing strategies to convert the images into reproductions that reach anywhere where they are of a very good quality and striking, being able to see the wonders that junocam allows us to see through its dazzling views and

satellites, the benefits that the doing this project is that we learn to process images since we had not done this type of thing, following a few steps to be able to achieve good quality images and that they can be used for different types of use. the idea is that people can see and take advantage of this type of images that we process and we have a great lesson for everyone from now on.

SPACE AGENCY DATA

we used the resources that nasa gave us, where we saw data and were inspired to investigate more to reach the goal of solving the challenge the summary of juno in how long it took to reach jupiter and what it has revealed through its images . Through processes we will change the quality of the images so that they are more innovative and that they become fine scientific, artistic and fun.

HACKATHON JOURNEY

It is a unique experience, because it gives us a lot of knowledge about many things that we do not usually frequent since in general we do not find ourselves with challenges of this type every day, however we have been able to understand it and acquire certain

knowledge. We chose this challenge because we want to have more knowledge of Jupiter since we know little about it and thus be able to transmit more information through innovative images to the entire community in general. we learned that to achieve something you have to make an effort and that you learn from mistakes. Our approach to our research is quantitative in the sense that it measures phenomena, uses statistics, tests hypotheses and theories, etc. We thank NASA for giving us the opportunity to participate in this project.

REFERENCES

firstly we used the resources where we made a summary of each one and we began the investigation to start the processing of each image that nasa gave us through junocam, we learned a little about the history of how the ship arrived at jupiter and we took the steps to achieve high-quality images that were fun apart from being used for 3 fines, which was what NASA proposed in the challenge. we discover a link where we also take into account that it is:

https://www.surastronomico.com/procesado_imagenes_planetarias_1.html

TAGS

#sogamoso#boyaca#NASA#elmundo#jupiter#exploradores