

AnyChart™

Data Visualization Solutions



Gruppo Astrofili GG Chooses AnyChart for Astronomical Data Visualization

Gruppo Astrofili Galileo Galilei (GrAG) is a non-profit association in Tarquinia, Italy. It was formed by a group of amateur astronomers to bring together enthusiasts in stargazing and astrophotography.

Gruppo Astrofili Galileo Galilei (GrAG)

www.grag.org

Italy

Industry:

Astronomy nonprofit

Stack:

Python/Flask/MySQL

“The AnyChart library has greatly streamlined the charting process in our organization, saving us time and effort while producing high-quality graphical representations of our data. It allows us to customize our visualizations just as we need to enhance the clarity of our reports.”

“The main features of AnyChart that we appreciate are its flexibility, dynamism, and interactivity.”

“AnyChart appeared to be the best fit for our needs in terms of easy data visualization deployment and management.”

— Giorgio Mazzacurati, GrAG

GrAG provides technical support for astronomical monitoring to the national and international scientific community.

Challenge:

- Visualize observation session data and light curves in actionable way to discover patterns, anomalies, and trends with the help of user-friendly, interactive dashboards and reports.
- Integrate the charts into a three-layer environment with a MySQL database, a Python application, and a Flask front end.

Solution:

- GrAG decided to use the AnyChart JavaScript charting library to visualize and interpret data from the observatory, including the discovery of variable stars, and to produce reports on the observatory’s performance. A lot of interactivity was put in place to achieve the best possible user experience in data exploration.
- AnyChart can run with any database and on any platform, which made it easy to seamlessly integrate the JS charts powered by the library into the existing Python/Flask/MySQL stack.

“AnyChart has become an essential component in our data analysis process, and I can certainly recommend it.”

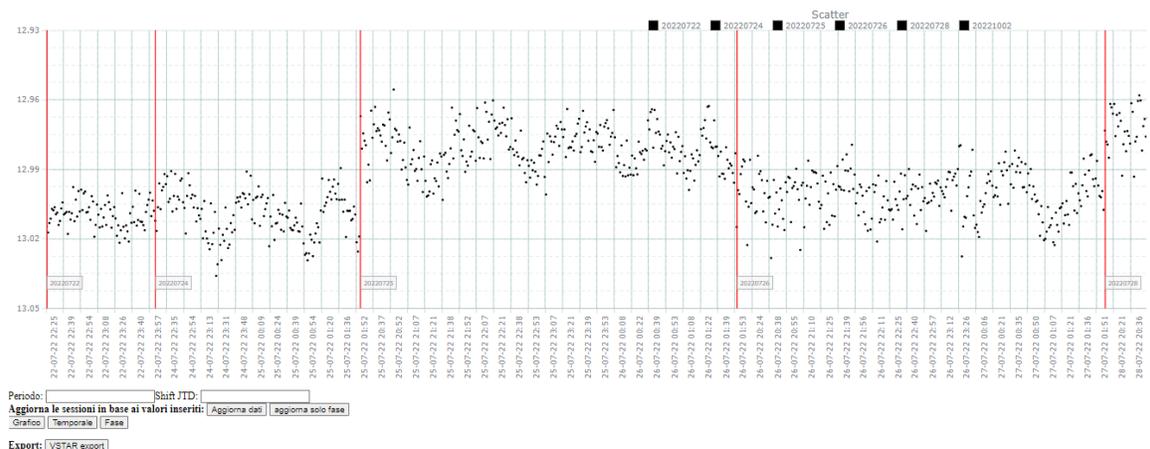
— Giorgio Mazzacurati, GrAG

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Dati della Stella

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Grafico stella 424422020878989824



Phone (USA): +1 (888) 845-1211
Phone (Europe): +44 20 7193 9444

E-mail: sales@anychart.com
Web: www.anychart.com