



Open for Innovation

KNIME

Harnessing H2O.ai and KNIME technology to reducing machine learning development and deployment times

Going Live at 12:50 PM CST (Chicago)
7:50 PM CET (Berlin)



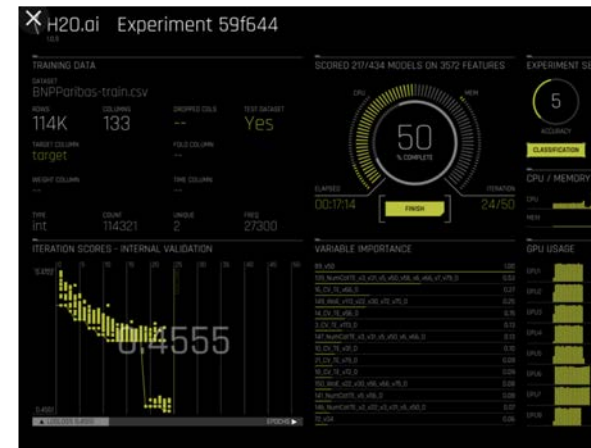
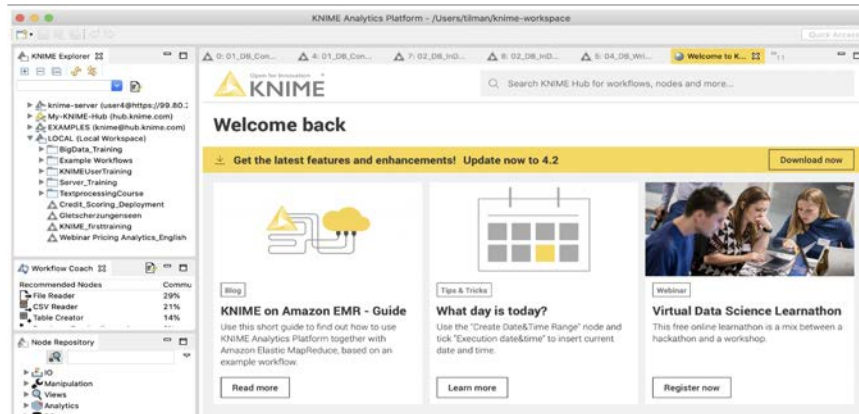
Who are KNIME and H2O.ai?

- **The leading open source providers in the AI and Machine Learning space**
- **KNIME**
 - Zurich Headquarters
 - US HQ in Austin, TX
 - Growth company with 13+ years in business
 - Open Source community with 2000+ active contributors
 - Software used by 96% of EUROSTOXX 50 and DOW JONES Industrial companies
- **H2O.ai**
 - California, Mountain View Headquarters
 - 8 years in business
 - Open Source community with 20K active companies
 - Software used by 180K+ Data Scientists
- **Open Source Partners since 2017** (H2O-3, Sparkling Water, KNIME Software)

What is the Solution?

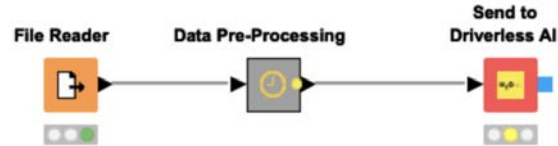
End to End Data Science with decisions powered by best-in-class AutoML ... all powered by open source

- KNIME
 - End-to-end data science in a visual workflow – KNIME Analytics Platform
 - Collaboration, Automation, and Deployment into Production – KNIME Server
- H2O
 - Open and Extensible Enterprise AutoML – DriverlessAI
 - Deployment options via KNIME and H2O.ai tools

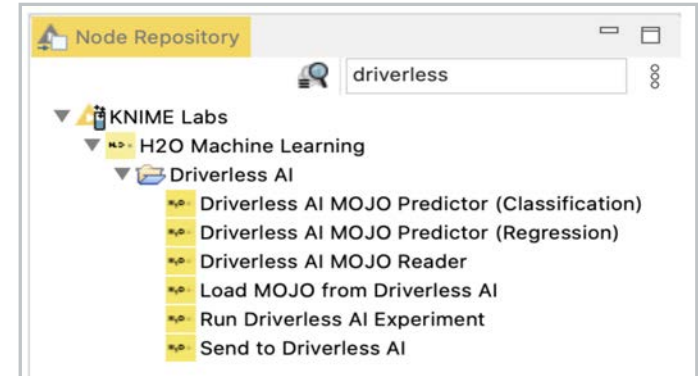
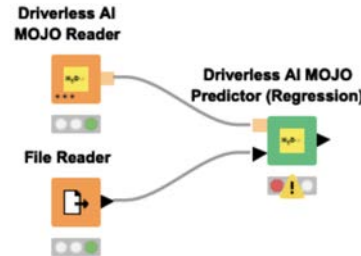


Product View H2O Driverless AI & KNIME

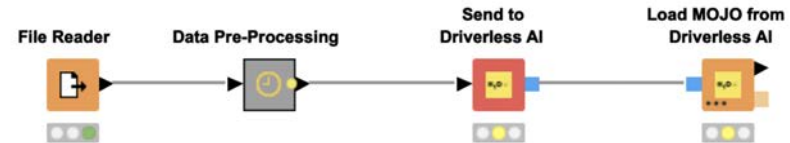
Access and preprocess data and send it to DriverlessAI



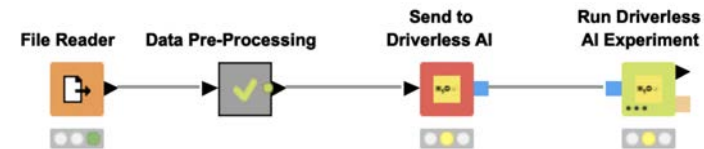
Use the Driverless AI MOJO Predictor (Regression) and Driverless AI MOJO Predictor (Classification) nodes. This will allow you to use the read-into-KNIME MOJO Scoring Pipelines to make predictions on datasets



Import MOJO from Driverless AI node, populate the Dataset and Experiment fields, pull the MOJO Scoring information into KNIME for use with the Driverless AI MOJO Predictor nodes.



Utilize the Run Driverless AI Experiment node in order to run an experiment without the need to access the Driverless AI UI



Get Started + Q&A

KNIME and H2O Announcement Blog

- <https://www.h2o.ai/blog/combining-the-power-of-knime-and-h2o-ai-in-a-single-integrated-workflow/>

Docs

- KNIME H2O-3 Docs
 - [KNIME Example Big Data Spark H2O AutoML](#)
 - [KNIME H2O HUB Examples](#)
 - [KNIME H2O Node Guide](#)
- KNIME H2O Driverless AI Docs
 - [KNIME H2O Driverless AI Integration User Guide](#)

Partner Pages

- [KNIME H2O Partner Page](#)
- [KNIME Partner Page](#)

October 14th, 2020

Combining the power of KNIME and H2O.ai in a single integrated workflow

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By: Rafael Coss and Stefan Pacinda

KNIME and H2O.ai, the two data science pioneers known for their open source platforms, have partnered to further democratize AI. Our approaches are about being open, transparent, and pushing the leading edge of AI. We believe strongly that AI is not for the select few but for everyone. We are taking another step in democratizing AI by integrating our award-winning H2O Driverless AI and KNIME Analytics Platform, to make it even easier, faster, and cheaper to deliver expert data science as a force multiplier for every enterprise.

KNIME and H2O.ai started collaborating in 2017 by integrating H2O-3 and Sparkling Water with a collection of KNIME nodes. By the way, if you want to learn more about this integration, check out the resources at the end of this blog.

Today, we are excited to announce that we have expanded our partnership and collaboration. Now you can now seamlessly use H2O Driverless AI in KNIME via a new KNIME Driverless AI extension available from the KNIME Hub. This new integration empowers data scientists or data analysts to work on machine learning projects faster and more efficiently using automation and state-of-the-art computing power to accomplish tasks that can take humans months in just minutes or hours.

Thanks!

