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)
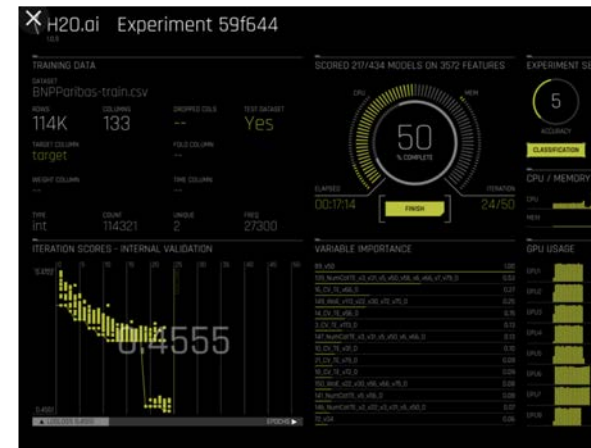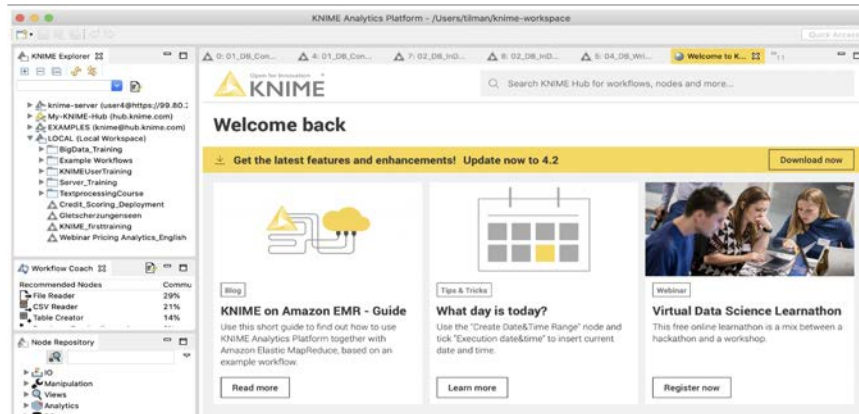7:50 PM CET (Berlin)

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)
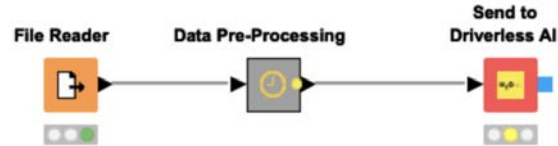
What is the Solution?

> 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
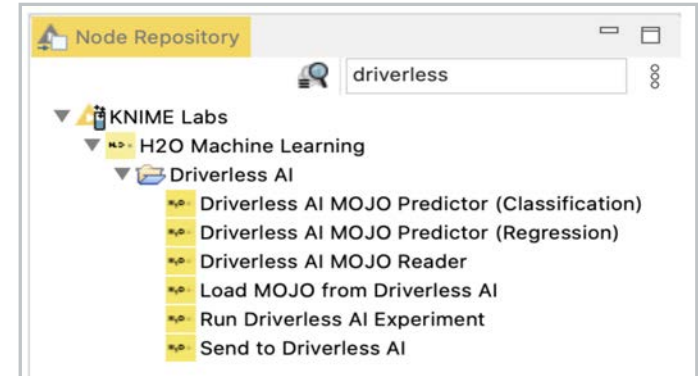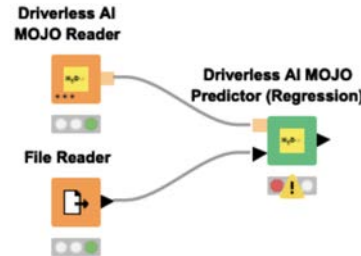 - Deployment options via KNIME and H2O.ai tools
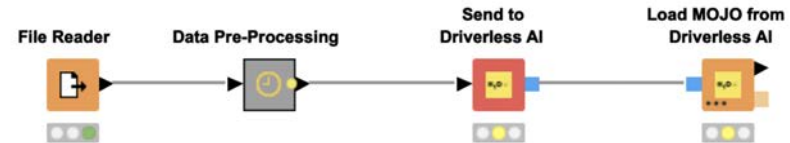
Product View H2O Driverless AI & KNIME

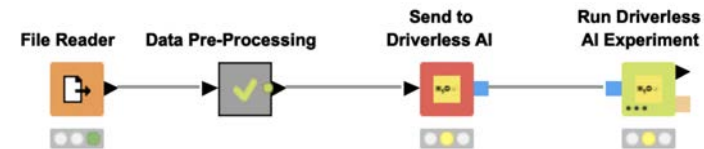Access and preprocess data and send it to DriverlessAI

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

Thanks!