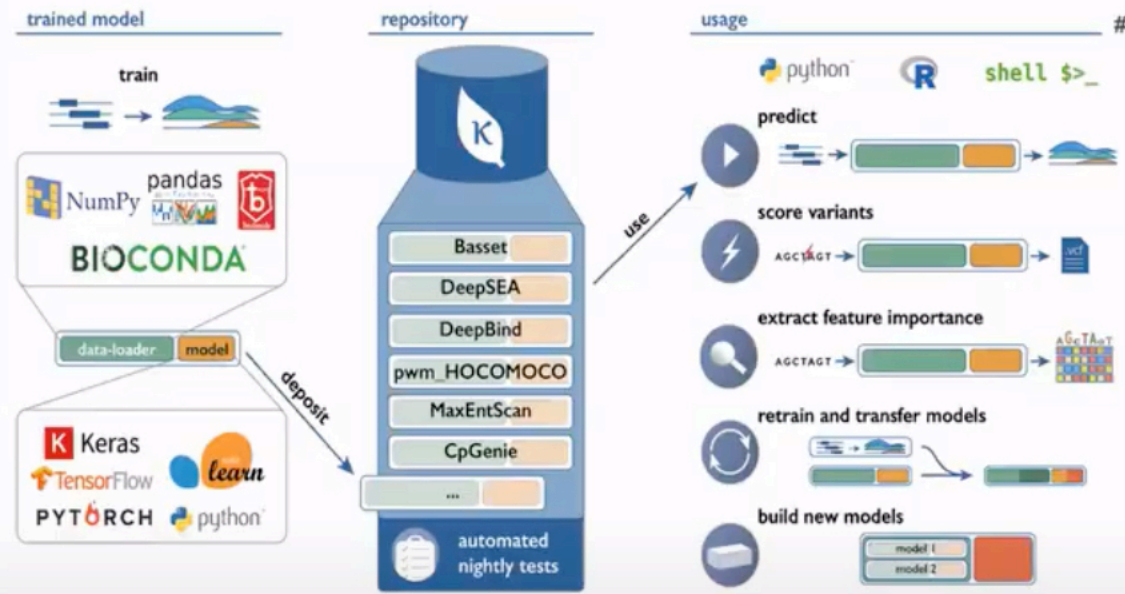


Democratizing ML for genomics: <http://kipoi.org/>

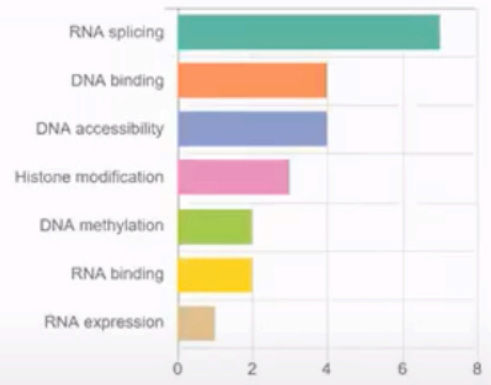
With Ziga Avsec, Stegle lab, Gagneur lab



of models: 2131
 # of model groups: 23
 # of contributors: 8
 # of model groups supporting postprocessing:

- Variant effect prediction: 13/23

Model groups by tag



- Easy installation of dependencies
- Standardized data loaders
- Standardized API to check out models, make predictions and interpret models
- Exactly reproduce analyses

Using few lines of code

- Compare models
- Retrain/transfer-learn models
- Integrate models
- Ensemble models
- Interpret models
- Contribute models

Kipoi (pronounce: kίpi; from the Greek κίποι: gardens) is an **API** and a **repository** of ready-to-use trained models for regulatory genomics. It currently contains 1709 different models, covering canonical predictive tasks in transcriptional and post-transcriptional gene regulation. Kipoi's API is

The Kipoi repository accelerates community exchange and reuse of predictive models for genomics