HackerRank/Work

HackerRank

HackerRank Projects for Data Science

Data scientists are responsible for analyzing and using a company's available data to make business and/or product decisions. Top data science candidates will have the ability to:

- Bring order to large, unstructured datasets
- Utilize general statistics, applied statistics, and/or machine learning
- Maintain and/or train machine learning models
- Utilize SQL, Python, and/or R

HackerRank Projects for Data Science empowers hiring teams to assess for the above advanced skills through real-world challenges and hire strong data science candidates.

Data Science Specific Challenges
Assess SQL, Python, R, statistics, and:

Data Wrangling: data cleaning, transformation, imputation, summarization, aggregation, normalization, outlier/anomaly detection.

Building Models: using processes, such as pattern recognition, feature selection, and predictive modeling, to build and evaluate models to effectively answer business questions.

Data Visualization: creating data visualizations for the purposes of data exploration and conveying the story behind the data.

Machine Learning: Feature engineering, feature selection, and model selection; using machine learning models, such as decision trees, linear models, random forest, k-nearest neighbors, Naive Bayes, and k-means clustering; and solving optimization problems.

Jupyter Notebook Environment
Effective interviews and a great candidate experience
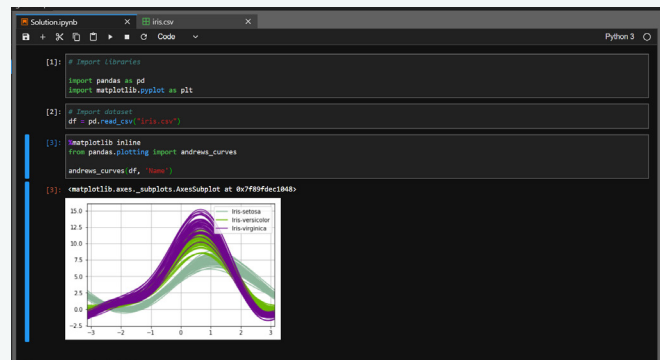
Projects offers an embedded Jupyter environment giving candidates the most widely used development environment in the data science community. Jupyter is familiar, highly scalable, allows candidates to showcase their skills best, while allowing you to easily standardize and assess consistently.

Scoring Rubrics and Detailed Reporting: Insightful and efficient for the hiring team

Setup and send a new challenge in seconds, load a candidate's project with one click, and run and test their applications within the browser. Use challenge-specific scoring rubrics and dig deep into submissions to review efficiently, standardize your candidate selection process, and create a consistent hiring bar.