Data Science Sandpit: Overview

Working in Sandpits · https://nayaone.com/lou0lh9x2qkjngmo3lq4nz09dxorxnzcz51dpqp8/sandpits-for-users-en/data-science-sandpit-overview/

The Data Science Sandpit is a secure, web-based interactive development environment for code and data.

Summary

Create a Data Science Sandpit to analyse machine learning models using data.

It sits outside of your organisation, so is perfect for evaluation out vendor APIs. You can connect to your chosen Fintech's API with your single API key.

It’s a **Jupyter Notebook**, in which a developer can create code to call the Fintech's various APIs. Developers can also connect to the database to access datasets, and run this data through these APIs.

Security & risk considerations

The code can’t be downloaded locally.

Example use case

1. Select several open banking technology providers who you want to test with consumer payments abilities
2. Use the **Synthetic UK transactions Dataset** from the marketplace to create realistic scenarios.
3. Bring the vendor APIs and the Dataset together in a Data Science Sandpit. Try out these APIs, and evaluate which best helps you solve your use case