

WATSON STUDIO

<https://www.ibm.com/cloud/watson-studio>

<https://datascience.ibm.com>

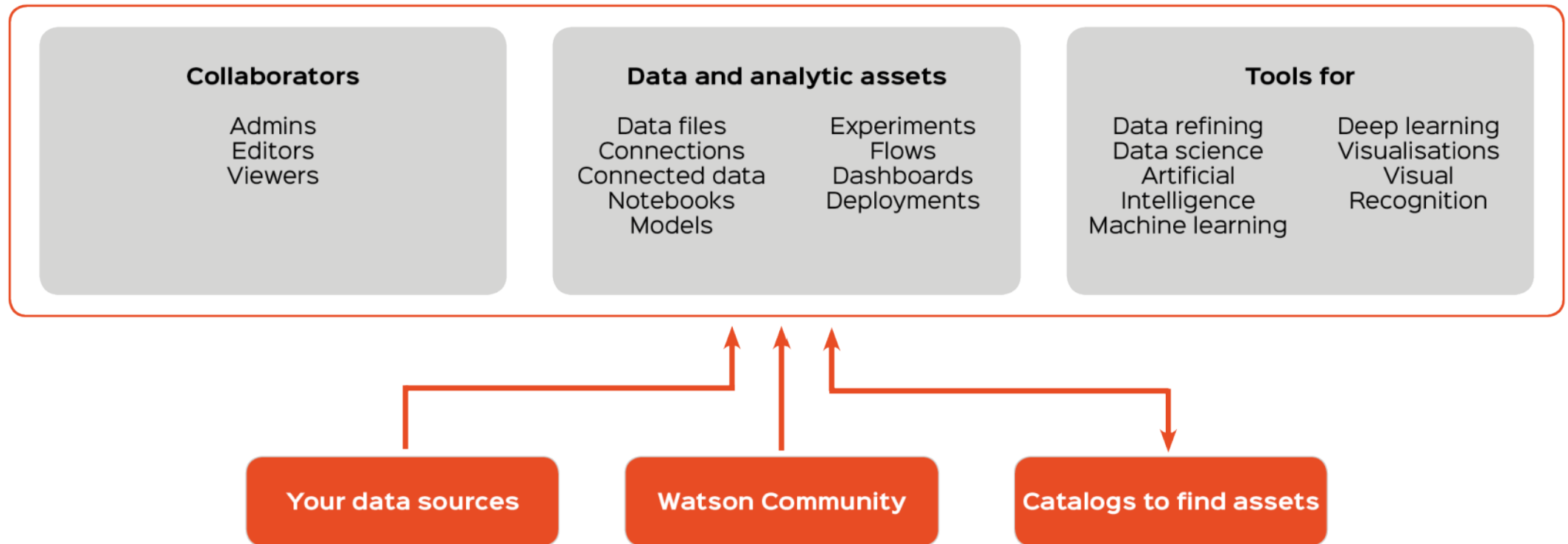
<https://dataplatform.ibm.com>



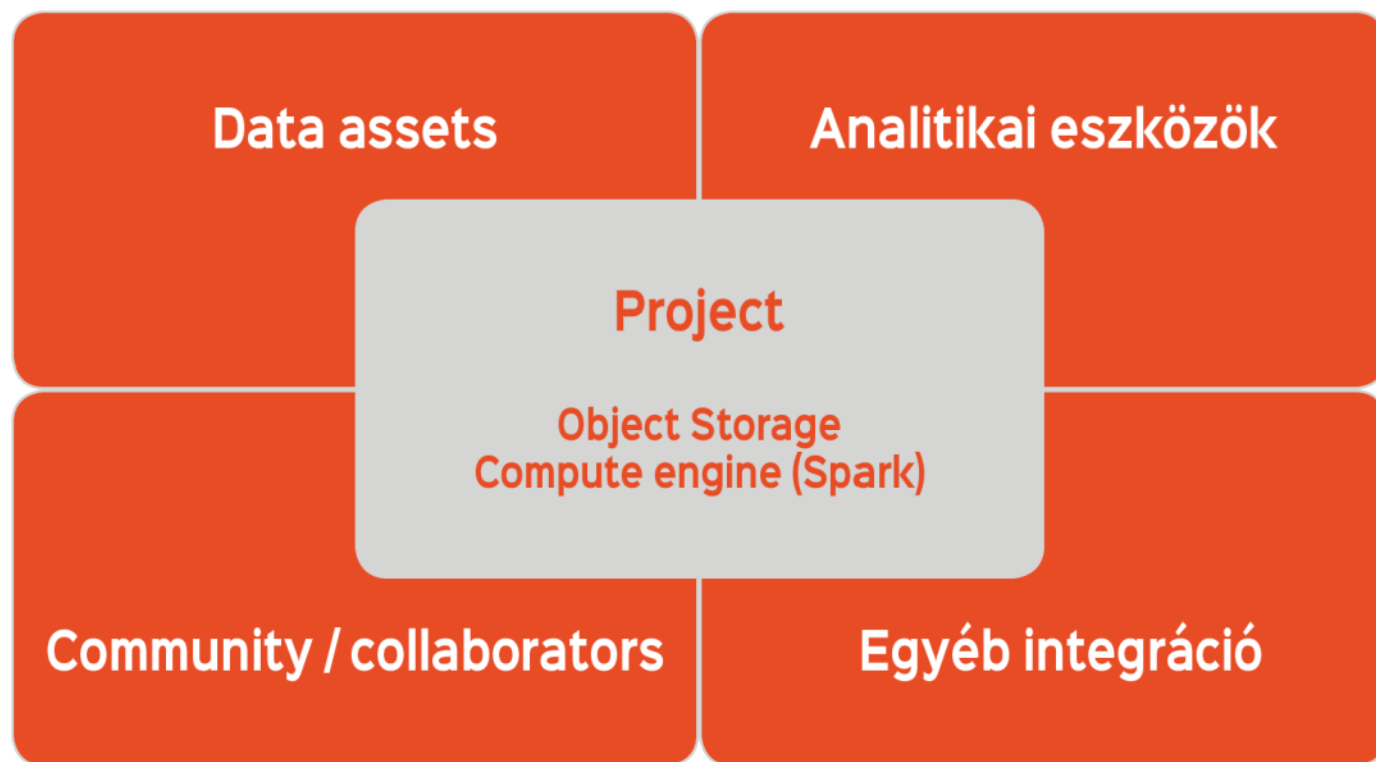
Hegedüs Pál



WATSON STUDIO - ÁTTEKINTÉS

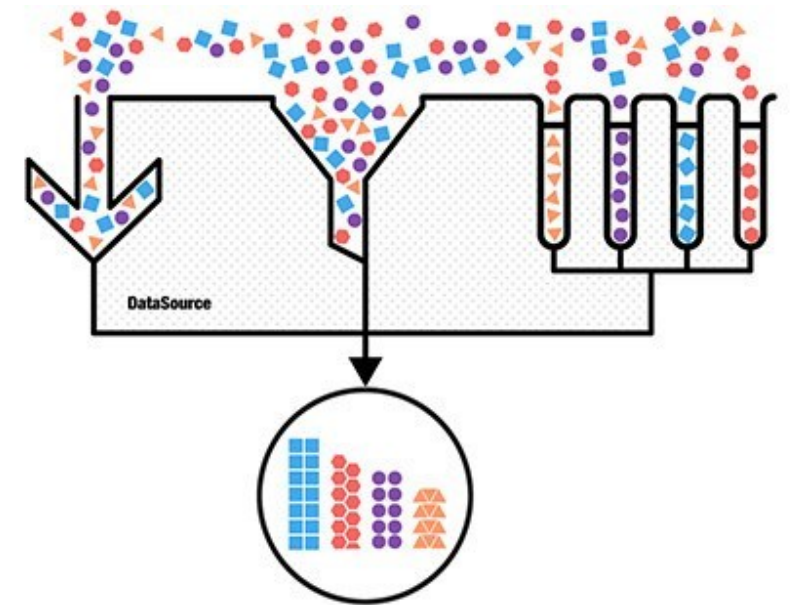


WATSON STUDIO



DATA ASSETS

- **Adat file feltöltése object store-ba**
- **Kapcsolat adatforrással**
 - Cloud data services (Db2 Warehouse on Cloud, Amazon S3, Cloudant, PostgreSQL)
 - On-premises databases (Db2, Netezza, Oracle, and SQLServer)
 - Streaming data services (IBM MessageHub and IBM Streaming Analytics)
- **Community data sets**



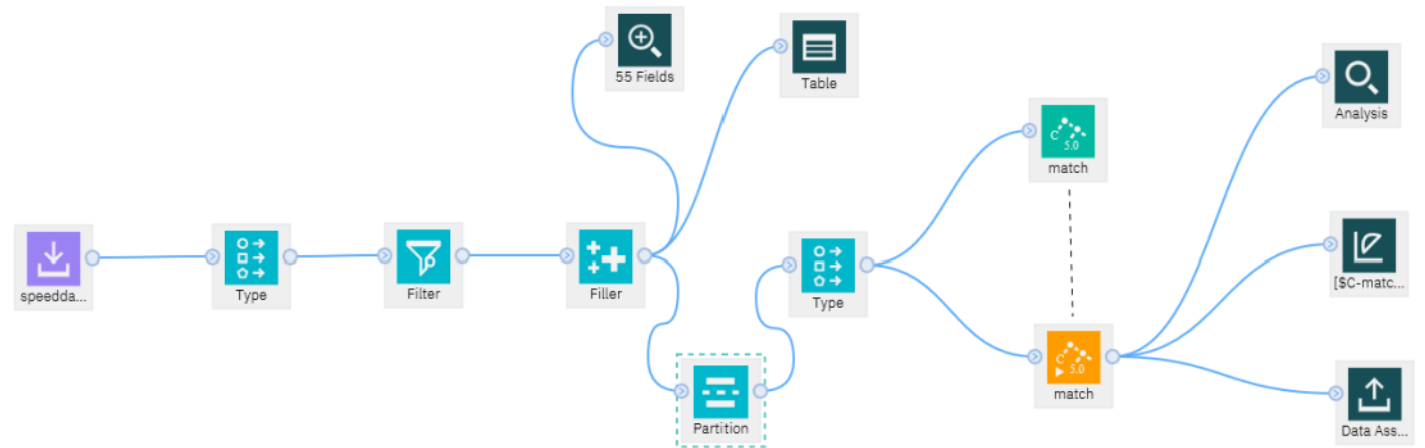
ANALITIKAI ESZKÖZÖK

- **Jupyter notebook**

- Python/ Scala/ R
- Open source könyvtárak/csomagok (pyspark, SparkMLlib, matplotlib...)
- Hozzáadhatunk hiányzó csomagokat

- **Modeler Flow Editor**

- IBM SPSS Modeler
- Neural Network Modeler
- Spark MLlib



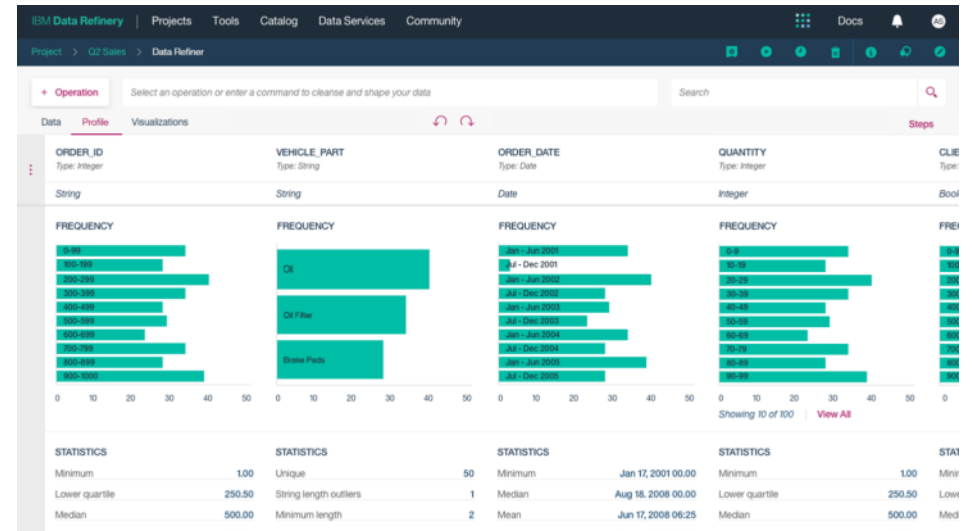
- **Rstudio**

- **Experiment Builder**

- **Analytics Dashboard**

EGYÉB INTEGRÁCIÓ

- **Visual Recognition**
 - IBM cloud service
- **Döntés optimalizáció**
 - CPLEX engine
- **Streaming Analytics (Streams Flow)**
 - Real time adatforrások
- **Watson Knowledge Catalog**
 - Adatforrások rendszerezése, megosztása
- **Data Refinery**
 - Adatok tisztítása



COMMUNITY / COLLABORATORS

- **Community**

- Minta adatok
- Help / tutorials
- Case study-k
- ML Cikkek

- **Collaborators**

- Project megosztása munkatársakkal
- Watson Knowledge Catalog



My Projects

New

Find project by name

All projects

New project

NAME	ROLE	COLLABORATORS	CREATOR	DATE CREATED	ACTIONS
speed_date01	Admin	PH	Pal Hegedus	17 Apr 2018	
konf_streaming1	Admin	PH	Pal Hegedus	16 Apr 2018	
konf_proba_proj	Admin	PH	Pal Hegedus	12 Apr 2018	
python_nb	Admin	PH	Pal Hegedus	1 Dec 2017	
db_connect_oracle	Admin	PH	Pal Hegedus	30 Nov 2017	
stream_test	Admin	PH	Pal Hegedus	29 Nov 2017	
Py_nb_3_test1	Admin	PH	Pal Hegedus	29 Nov 2017	
Churn_Demo	Admin	PH	Pal Hegedus	29 Nov 2017	
Churn_Flow_01	Admin	PH3P2K	Pal Hegedus	29 Nov 2017	
DL_Intro	Admin	PH	Pal Hegedus	27 Nov 2017	
conv_net_mnist	Admin	PH	Pal Hegedus	23 Nov 2017	
flow_test1	Admin	PH	Pal Hegedus	22 Nov 2017	
ign_test1	Admin	PH	Pal Hegedus	30 Oct 2017	
hack_01_zz	Admin	PH	Pal Hegedus	26 Oct 2017	
BlocPower	Admin	PH	Pal Hegedus	18 Oct 2017	
DSXProject1	Admin	PH	Pal Hegedus	18 Oct 2017	
Default Project	Admin	PH	Pal Hegedus	18 Oct 2017	

What assets are you looking for?

Data assets

0 assets selected.

☐	NAME	TYPE	SERVICE	CREATED BY	LAST MODIFIED	ACTIONS
	speeddating_new.csv_shaped.csv	Data Asset	Project	Pal Hegedus	20 Apr 2018, 10:08:40 pm	
	speeddating_new.csv	Data Asset	Project	Pal Hegedus	20 Apr 2018, 8:33:05 pm	

Visual recognition models

New visual recognition model

NAME	MODEL ID	SERVICE INSTANCE	LAST MODIFIED	ACTIONS
you currently have no visual recognition models				

Notebooks

New notebook

NAME	SHARED	SCHEDULED	STATUS	LANGUAGE	LAST EDITOR	LAST MODIFIED	ACTIONS
you currently have no notebooks							

Streams flows

New streams flow

NAME	MODIFIED BY	LAST MODIFIED	ACTIONS
you currently have no streams flows			

Dashboard

New dashboard

Drop files here or browse for files to upload.

What assets are you looking for?

▼ Data assets

0 assets selected.

☐	NAME	TYPE	SERVICE	CREATED BY	LAST MODIFIED	ACTIONS
	speeddating_new.csv_shaped.csv	Data Asset	Project	Pal Hegedus	20 Apr 2018, 10:08:40 pm	
	speeddating_new.csv	Data Asset	Project	Pal Hegedus	20 Apr 2018, 8:33:05 pm	

▼ Visual recognition models

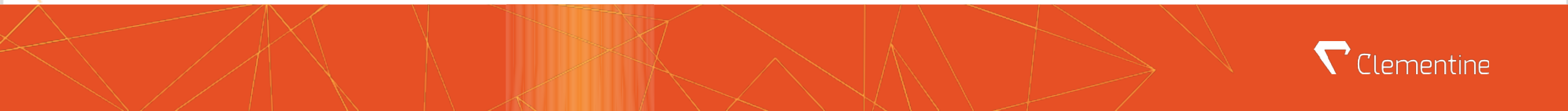
+ New visual recognition model

NAME	MODEL ID	SERVICE INSTANCE	LAST MODIFIED	ACTIONS
you currently have no visual recognition models				

▼ Notebooks

+ New notebook

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Search 







NODES

ASSETS

 SOURCES 

 TARGETS 

 PROCESSING AND ANALYTICS 

 Aggregation

 Python Machine Learning

 Code

 Filter

 Geofence

 ALERTS 







Overview

Assets

Environments

Bookmarks

Deployments

Collaborators

Settings



Load

Files

Catalog



What assets are you looking for?

▼ Data assets [View all \(12\)](#)

0 assets selected.

☐	NAME	TYPE	SERVICE	CREATED BY	LAST MODIFIED	ACTIONS
	thirteen.zip	Data Asset	Project	Pal Hegedus	21 Apr 2018, 1:01:02 pm	⋮
	Wilson.zip	Data Asset	Project	Pal Hegedus	21 Apr 2018, 1:01:00 pm	⋮
	Volakis.zip	Data Asset	Project	Pal Hegedus	21 Apr 2018, 1:01:00 pm	⋮
	Kutner.zip	Data Asset	Project	Pal Hegedus	21 Apr 2018, 1:00:59 pm	⋮
	Park.zip	Data Asset	Project	Pal Hegedus	21 Apr 2018, 1:00:58 pm	⋮
	Taub.zip	Data Asset	Project	Pal Hegedus	21 Apr 2018, 1:00:58 pm	⋮
	Jess_Adams.zip	Data Asset	Project	Pal Hegedus	21 Apr 2018, 1:00:57 pm	⋮
	..	-	-	-	-	⋮

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for files to upload.









Kérdések?