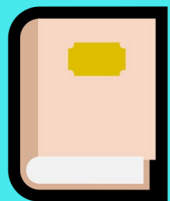


HOW TO GET THE MOST OUT OF DATABRICKS NOTEBOOKS

Jason Messer



SO WHAT IS THE NOTEBOOK AGAIN?

THE DATABRICKS NOTEBOOK

The front door of the Data Intelligence Platform 

Multi Language

Use Python, SQL, Scala, and R, all in one Notebook

Collaborative

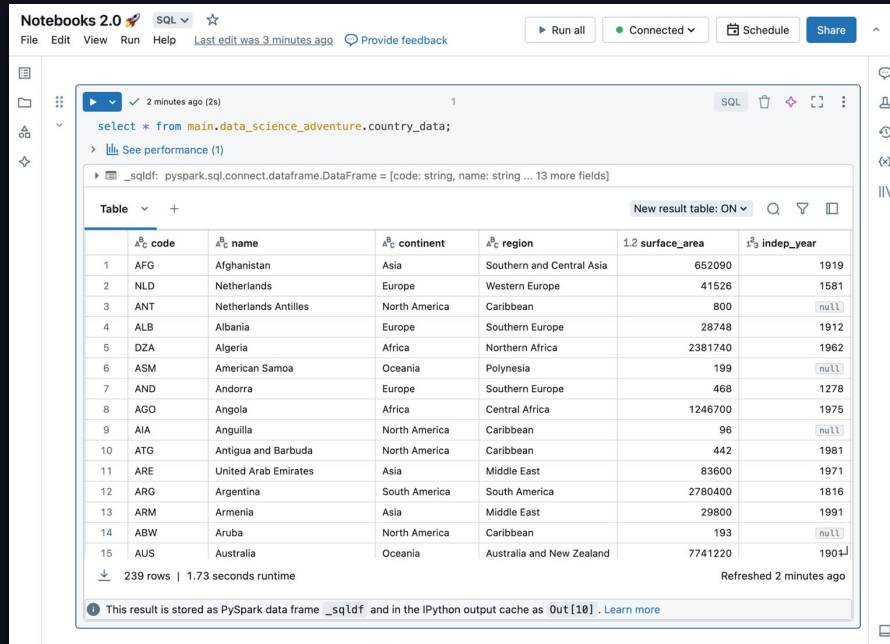
Real-time co-presence, co-editing, and commenting

Intelligent

Embedded with AI & intelligence

Ideal for Exploration

Explore, visualize, and summarize data with built-in charts and data profiling



The screenshot shows the Databricks Notebook 2.0 interface. At the top, it displays 'Notebooks 2.0' with a language dropdown set to 'SQL'. Below the header, there are navigation tabs for 'File', 'Edit', 'View', 'Run', and 'Help', along with a 'Last edit was 3 minutes ago' timestamp and a 'Provide feedback' link. On the right side, there are buttons for 'Run all', 'Connected', 'Schedule', and 'Share'. The main content area shows a SQL query: `select * from main_data_science_adventure.country_data;`. Below the query, there is a link to 'See performance (1)'. The results are displayed as a table with columns: code, name, continent, region, surface_area, and indep_year. The table contains 15 rows of data for various countries. At the bottom of the table, it indicates '239 rows | 1.73 seconds runtime' and 'Refreshed 2 minutes ago'. A footer note states: 'This result is stored as PySpark data frame _sql\$df and in the IPython output cache as [Out [10]] . Learn more'.

code	name	continent	region	surface_area	indep_year	
1	AFG	Afghanistan	Asia	Southern and Central Asia	652090	1919
2	NLD	Netherlands	Europe	Western Europe	41526	1581
3	ANT	Netherlands Antilles	North America	Caribbean	800	null
4	ALB	Albania	Europe	Southern Europe	28748	1912
5	DZA	Algeria	Africa	Northern Africa	2381740	1962
6	ASM	American Samoa	Oceania	Polynesia	199	null
7	AND	Andorra	Europe	Southern Europe	468	1278
8	AGO	Angola	Africa	Central Africa	1246700	1975
9	AIA	Anguilla	North America	Caribbean	96	null
10	ATG	Antigua and Barbuda	North America	Caribbean	442	1981
11	ARE	United Arab Emirates	Asia	Middle East	83600	1971
12	ARG	Argentina	South America	South America	2780400	1816
13	ARM	Armenia	Asia	Middle East	29800	1991
14	ABW	Aruba	North America	Caribbean	193	null
15	AUS	Australia	Oceania	Australia and New Zealand	7741220	1901

Adaptable

Install standard libraries and use local modules

Reproducible

Automatically track version history, and use git version control with Repos

Ready for Production

Quickly schedule notebooks as jobs or create dashboards

Enterprise Ready

Enterprise-grade access controls, identity management, and auditability

NOTEBOOKS 2.0

Making notebooks simple & powerful 

Modern, intuitive UX



Embedded with AI & Intelligence



Bringing select powerful IDE features to the notebook



DEMO

