

eMpower Power Query

Lorenzo Vercellati
BI & Power BI Architect
Lucient Italia

The logo for Data Saturdays features the word "DATA" in a large, white, sans-serif font. To the left of the "D" is a blue icon consisting of three horizontal bars of increasing length, resembling a stylized "D" or a data bar chart. Below "DATA", the word "SATURDAYS" is written in a smaller, white, sans-serif font, with each letter separated by a small gap.

DATA
S A T U R D A Y S



Sponsors



Lorenzo Vercellati

BI & Power BI Architect @ Lucient Italia

20 years burning on “Data Realm”

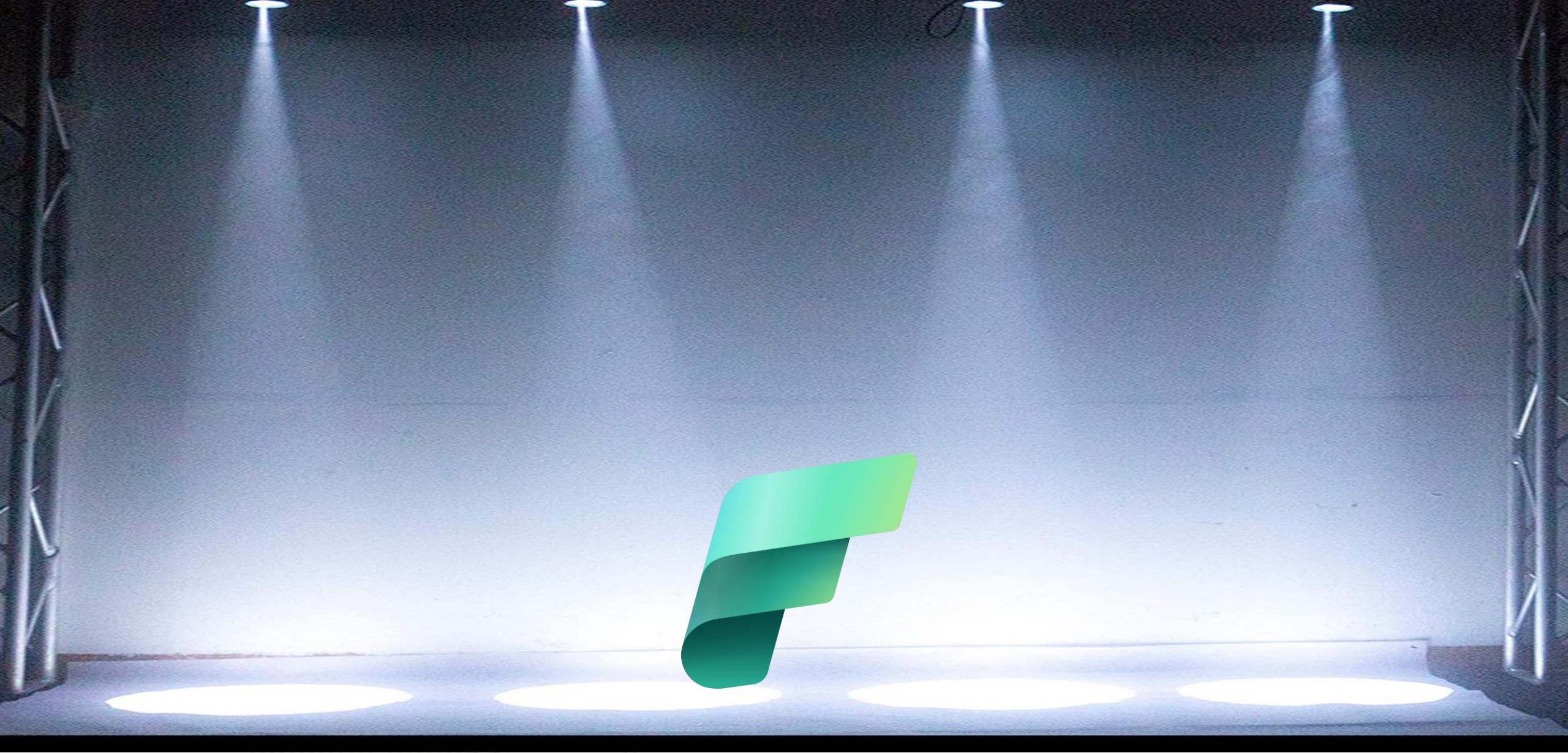
Giving my little contribution to the community

Lucient⁴
ITALIA



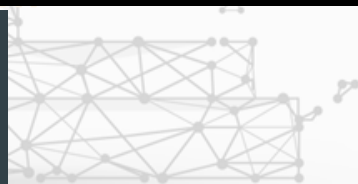
DATA
SATURDAYS








DATA
SATURDAYS



hn0va
community





Power Query

E

Extract data from tons
of sources

+ 100 default drivers

Extract data from
databases, files, web
pages, cloud services,
API

T

Clean

Mesh

Merge

Append

Add

...

Transform

L

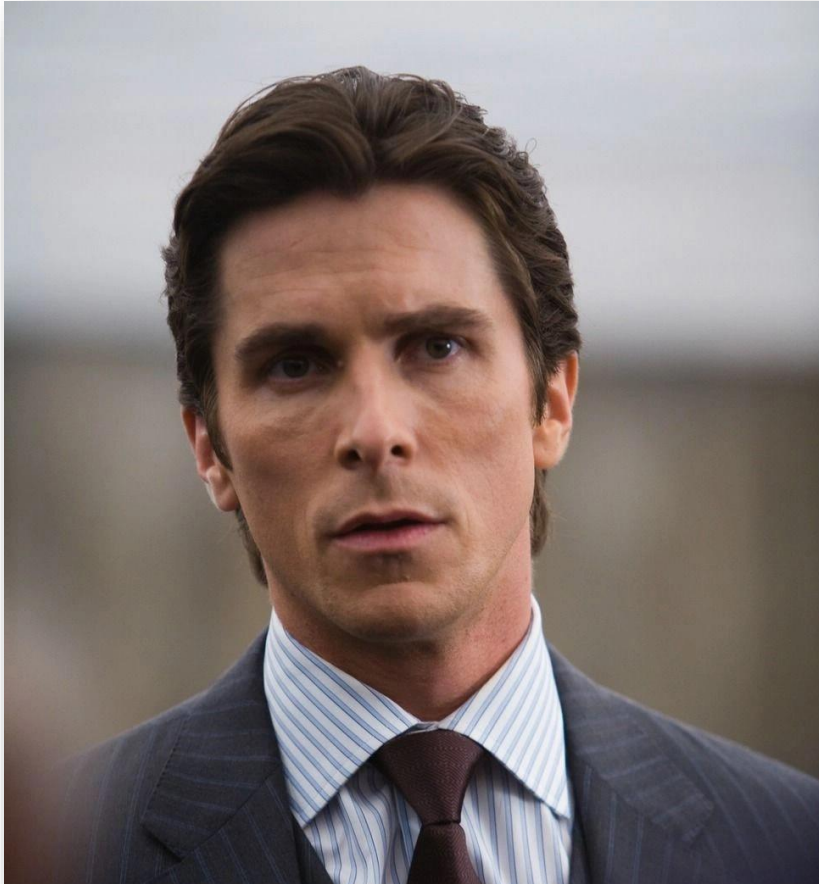
Load data as you need

Schedule your data
refresh

Build a better model
for easier DAX

Power Query EVERYWHERE

Product	M engine ¹	Power Query Desktop ²	Power Query Online ³	Dataflows ⁴
Excel for Windows	Yes	Yes	No	No
Excel for Mac	Yes	Yes	No	No
Power BI	Yes	Yes	Yes	Yes
Power Apps	Yes	No	Yes	Yes
Power Automate	Yes	No	Yes	No
Power BI Report Server	Yes	Yes	No	No
Azure Data Factory	Yes	No	Yes	Yes
Data Factory in Microsoft Fabric	Yes	No	Yes	Yes
SQL Server Integration Services	Yes	No	No	No
SQL Server Analysis Services	Yes	Yes	No	No
Dynamics 365 Customer Insights	Yes	No	Yes	Yes



Elegant
Office like
Rich
Powerful

Hidden Hero

Does the dirty work
Larger than Power Query
Still somewhat unexplored



It's a functional, case sensitive language

An M query is composed of formula expression steps that create a mashup query

M evaluation model is based on expressions dependencies

How familiar are you with M?





[Chris Webb's BI Blog \(crossjoin.co.uk\)](http://crossjoin.co.uk)

[DataChant - Your next stop in mastering Power Query and Power BI](#)

[The bicaountant](#)



Lorenzo.vercellati@lucient.it

[@supergimi](#)

[Data Pied Piper – Medium](#)

github.com/lvercellati



1 ½ bunch of Transformations
1 splash of M code
½ touch of Fantasy



THANK YOU!