

To get the importance score of view, the function *get_I_score(Vi)* will refer to this Data Frame

View	I (Vi)
V ₁	0.32
V ₂	0.56
V ₃	0.41
V ₄	unknown
V ₅	unknown
V ₆	unknown
⋮	⋮
V ₅₅	unknown
⋮	⋮
V ₅₀₀	V ₅₀₀

Data Frame (DF)



Database

While *get_I_score(Vi)* finds the importance score of view is unknown, then query view will be executed. the importance score will be stored to Data Frame and returned to the function.

In the end of running, the number of executed views and unexecuted views in this Data Frame are counted

As a result, the **number of pruned queries can be known**