

Transações ACID

Atômico



Consistente



Durável



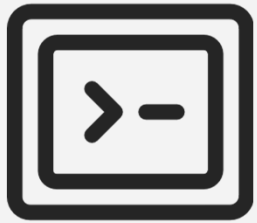
Isolado



A futuristic digital interface with a dark background. On the left, four horizontal panels are shown. The top three panels have a red 'X' icon and contain various symbols (circles, squares, triangles, numbers, and a question mark). The bottom panel has a white checkmark icon and contains a person icon, the number '23', and icons for a calendar, clock, and location pin. A large, glowing shield icon with a white checkmark is positioned in the center. To the right, a large, glowing rectangular frame contains a table with five columns and eight rows. The first row of the table contains icons for a person, the number '123', a calendar, a clock, and a location pin. The subsequent rows contain various symbols. The entire interface is illuminated with red and white light effects, and a glowing red wave pattern is visible at the bottom right.

[illegible]

Evoluindo Esquema



Opção MergeSchema



Comandos DDL



Constraints



Regras no Delta Lake



Validações SQL



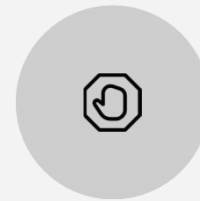
Expectations no Delta Live Tables: Validação resiliente



EXPECT (Warn)



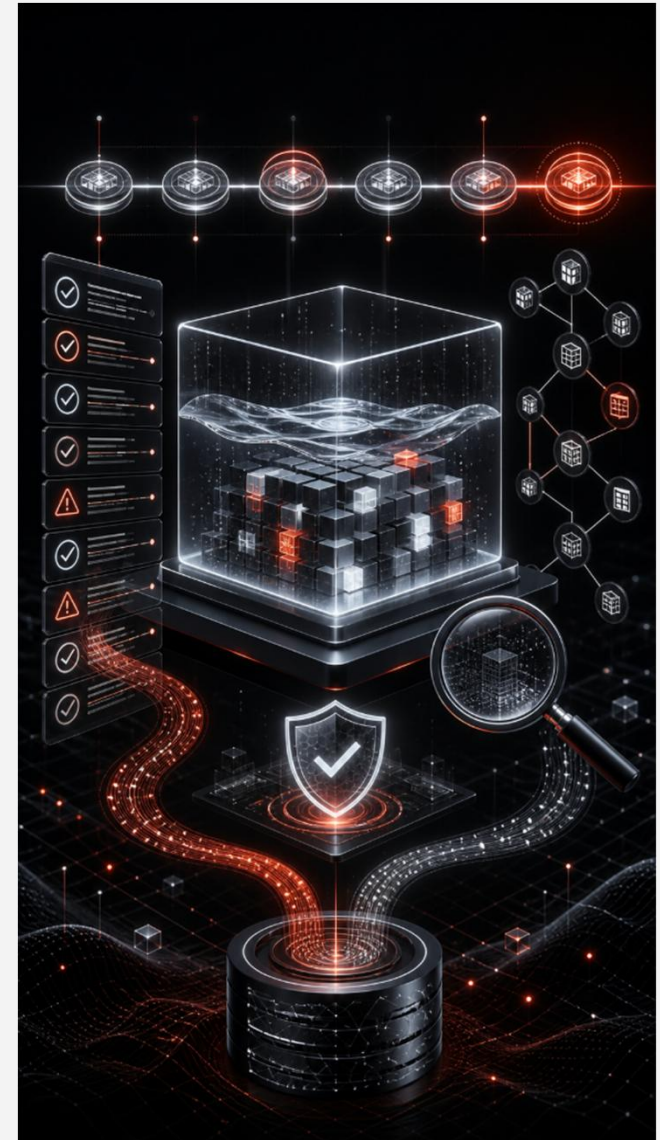
EXPECT... DROP ROW



EXPECT... FAIL UPDATE

Auditoria Delta Lake

- ✗ Rastreio Completo
- ✗ Conformidade LGPD
- ✗ Debug de Pipelines



Time Travel para Debug



Comparar Resultados



Debugging de Dados





Rollback e Recuperação Delta

Recuperação Delta Lake
Manutenção Segura