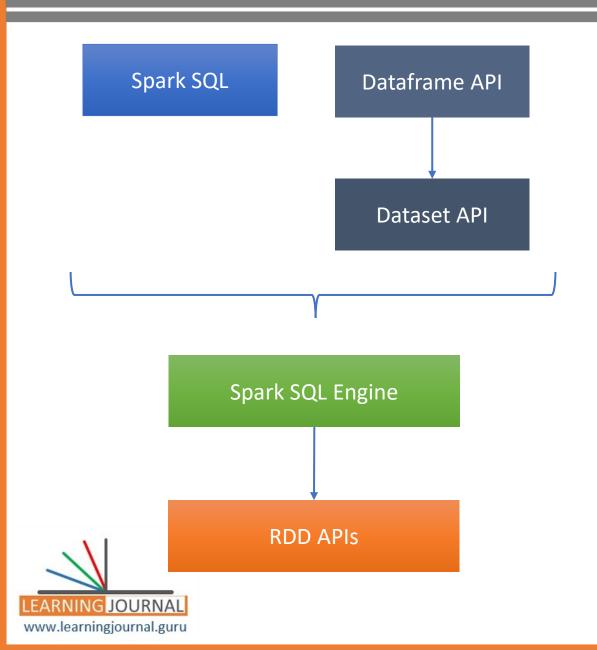


Apache Spark

Spark SQL Engine

Spark APIs



- 1. Analysis
- 2. Logical Optimization
- 3. Physical Planning
- 4. Code Generation

