

SQL, Syllogisms, and Explanations

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SQL provides a simple way of accessing data based on a simple table model. It hides many details that Data Science folks would otherwise have to program.

SQL is widely used by application programs written in classical languages such as Java or C. Each application has to be written using technical programming language details that should not need to be of concern to Analysts.

Just as SQL simplifies data access for Data Science, we can support Analysts with a simple platform for writing applications.

Applications of the platform are written as syllogism-like English rules. The rules are interpreted declaratively, meaning that shuffling them does not change what they specify. The English vocabulary is open, and so is most of the syntax.

The platform uses the rules to automatically generate and run complex SQL queries and application code. A bonus is that the platform can explain its results, in English, at the Analyst level.

The platform is live online with many examples. You are invited to write and run your own examples too. Shared use is free, and there are no commercials. Nothing to download, just point a browser to executable-english.com .