

What is DataParrots

Easy tool to get data from databases with natural languages in an organization

Natural Language Queries

- Interact with database in plain natural language
- Ask questions such as

"What is the average revenue per region?"

"How many customers bought product X in the last quarter?"

 You ask questions, DataParrots answers with data

Real-time Data Exploration

- Ask questions and get answers in real time
- Ask follow up questions and get answers in real time as well
- Explore data the way you want
- Enables spontaneous discoveries, gain deeper insights

Why DataParrots

Serve businesses who need Ad Hoc and Real Time access to their data

Ad Hoc Questions

- Requirements not defined in advance
- Requirements not structured
- Pre-defined reports is not adequate

Real Time Response

- Those "need the data now" moments
- Spontaneous discoveries
- Real time "conversation" with data

Unprepared Data Sources

- Special skills required to construct "data semantics"
- Tools are not designed for non-specialists



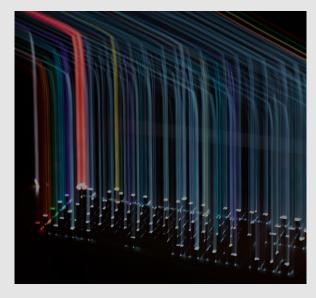
Why So Challenging?



- You must know SQL (Structured Query Language)
 A Computer Programming Language
- You must know database technology

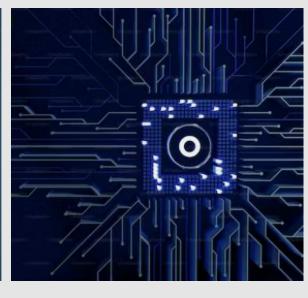
 Tables, Columns, Primary Keys, Foreign Keys, Data Types, ...
- You must know the technical structure of your data
 Database Schema, Tables, Columns, Relationships
- You must know the dialects of the database products MySQL, SQL Server, Oracle, etc
- You must know how to execute SQL and extract results Toolset, Data format, Data presentation

DataParrots Removes the Technical Barriers









Business professionals interact with data directly and independently

Technical professionals create SQL queries more efficiently

Organizations operationalize data access and data security

Support a growing list of database products:

MySQL, SQL Server, Oracle, PostgreSQL, MariaDB, SQLite, ...

For Business Professionals



Ask Questions in Plain Language

Ask questions in plain language and interact with data directly and intuitively



Handle Wide Range of Queries

"Show me the sales revenue by region"

"Find the top 10 customers who bought the most products from category A and B in the last quarter"



Get Answers in Real-time

Get answers in real-time, no more waiting for hours or even weeks to get special reports developed



Seamless and Easy to Use

Experience seamless and flexible interaction with data, with intuitive environment



Data Source for Analytics

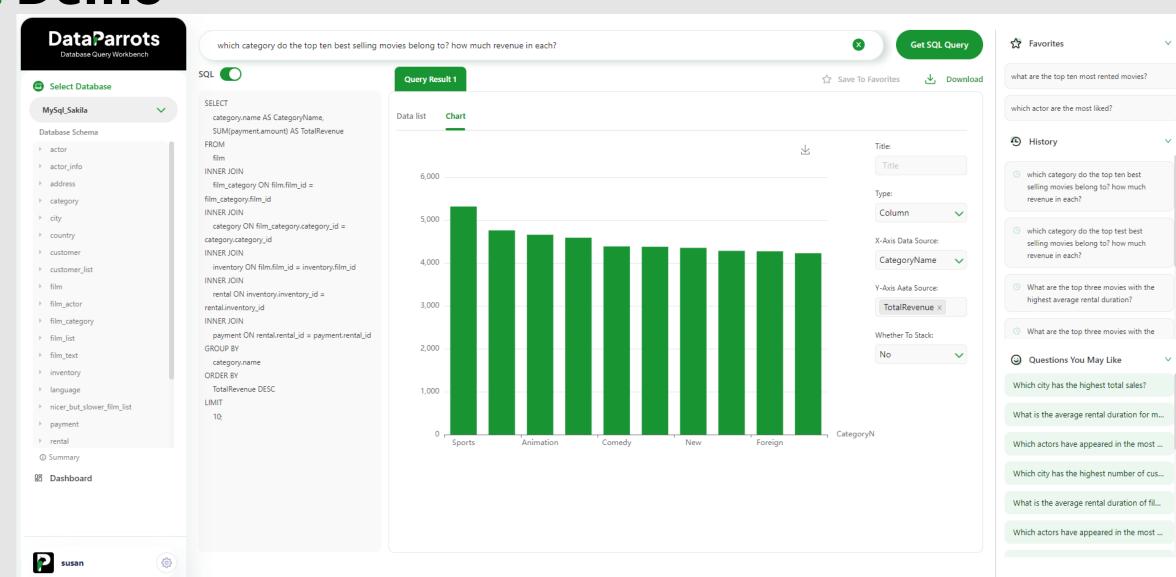
Get data for use with other analytic tools such as Microsoft Excel or Power BI



Your Data Portal

Revisit past queries, save favorite queries, view tables, create charts, even create your own dashboards

P: Demo







Auto database schema discovery and comprehension



SQL query generation based on natural language inquiry

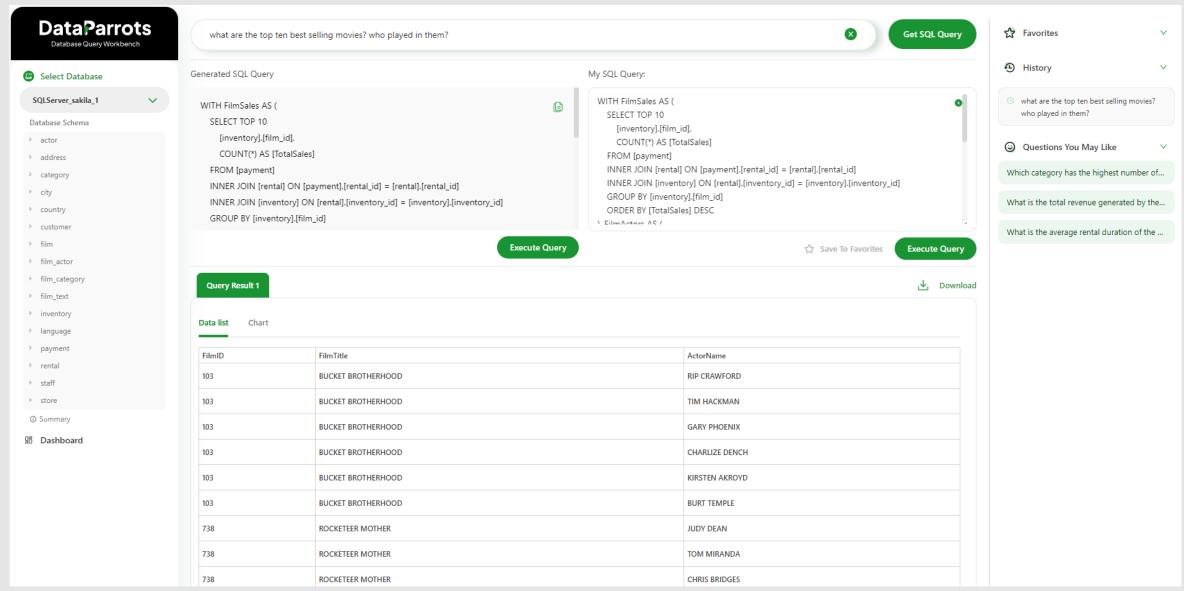


Query optimization with in-place editing and testing



Query history and rapid database switching

P: Demo



For Organizations



Data Access

- Infrastructure to democratize data access to everyone who needs it
- Empower organization with productivity increase
- Data source for other data analytics tools

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Central Management

- Authorized user management
- Authorized database management
- Access control management

2



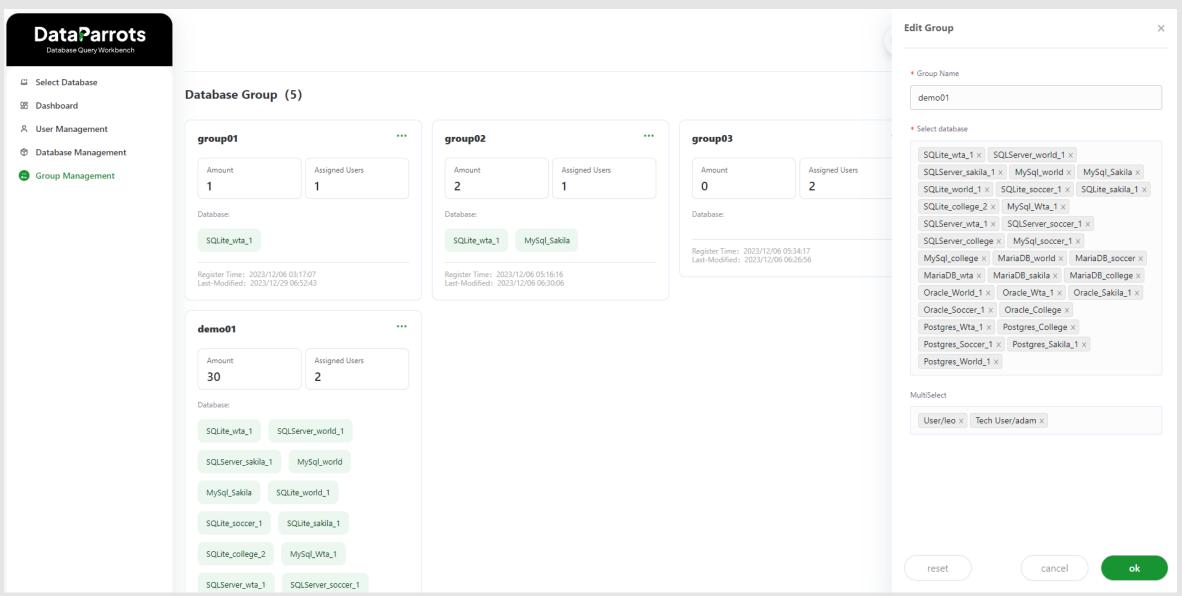
Data Security

- No sending business data to cloud services*
- No cloud storage of business data

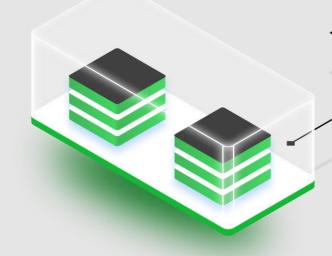
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^{*} Meta data (database schema) and natural language questions are sent to the cloud webservice for SQL generation

P: Demo



Get Started with DataParrots





Go to https://www.dataparrots.com

- Register an account for your organization
- Install DataParrots Web App in your environment
- Start using DataParrots

