GPT 与数据库的生态整合

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PingCAP

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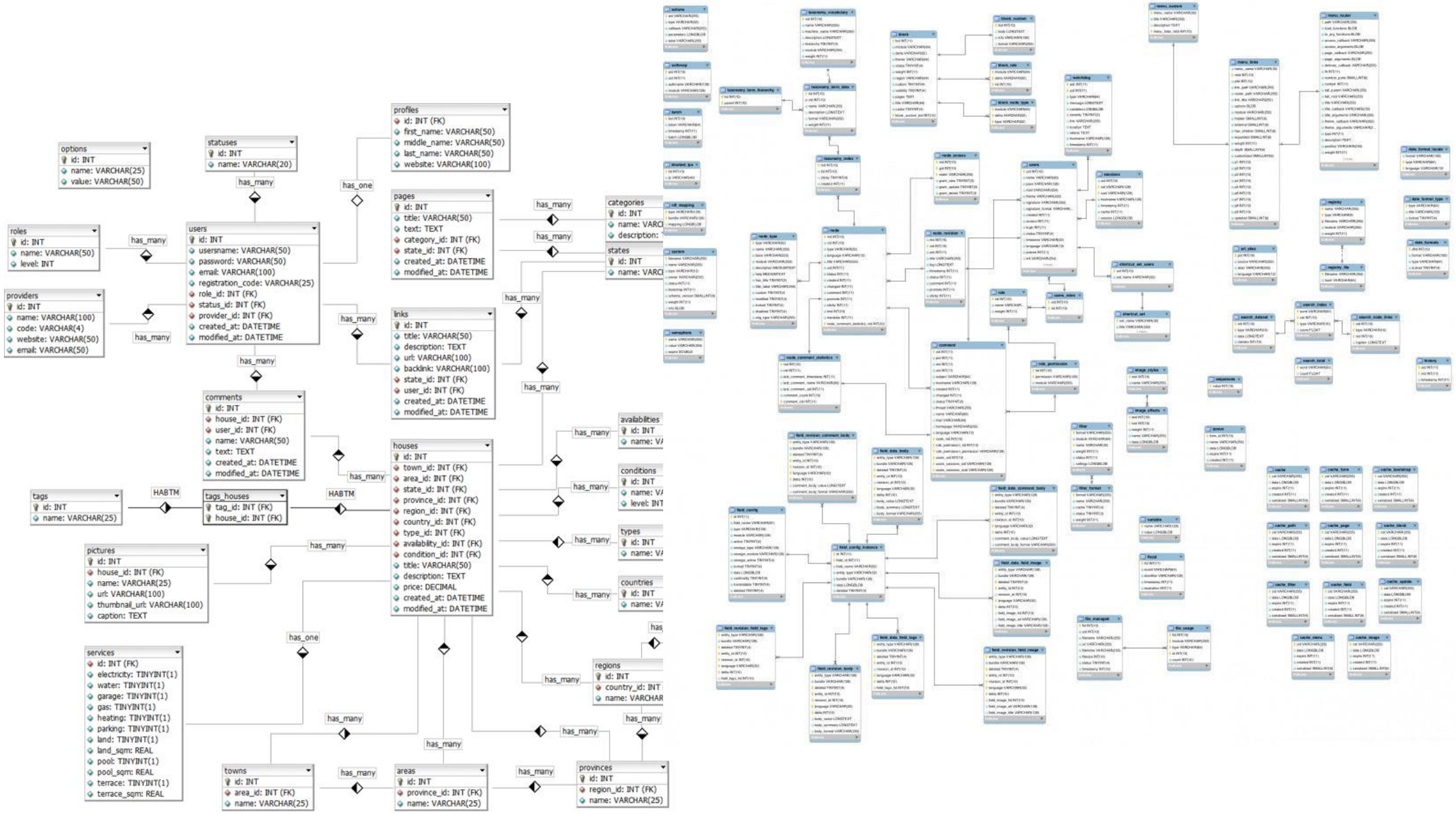
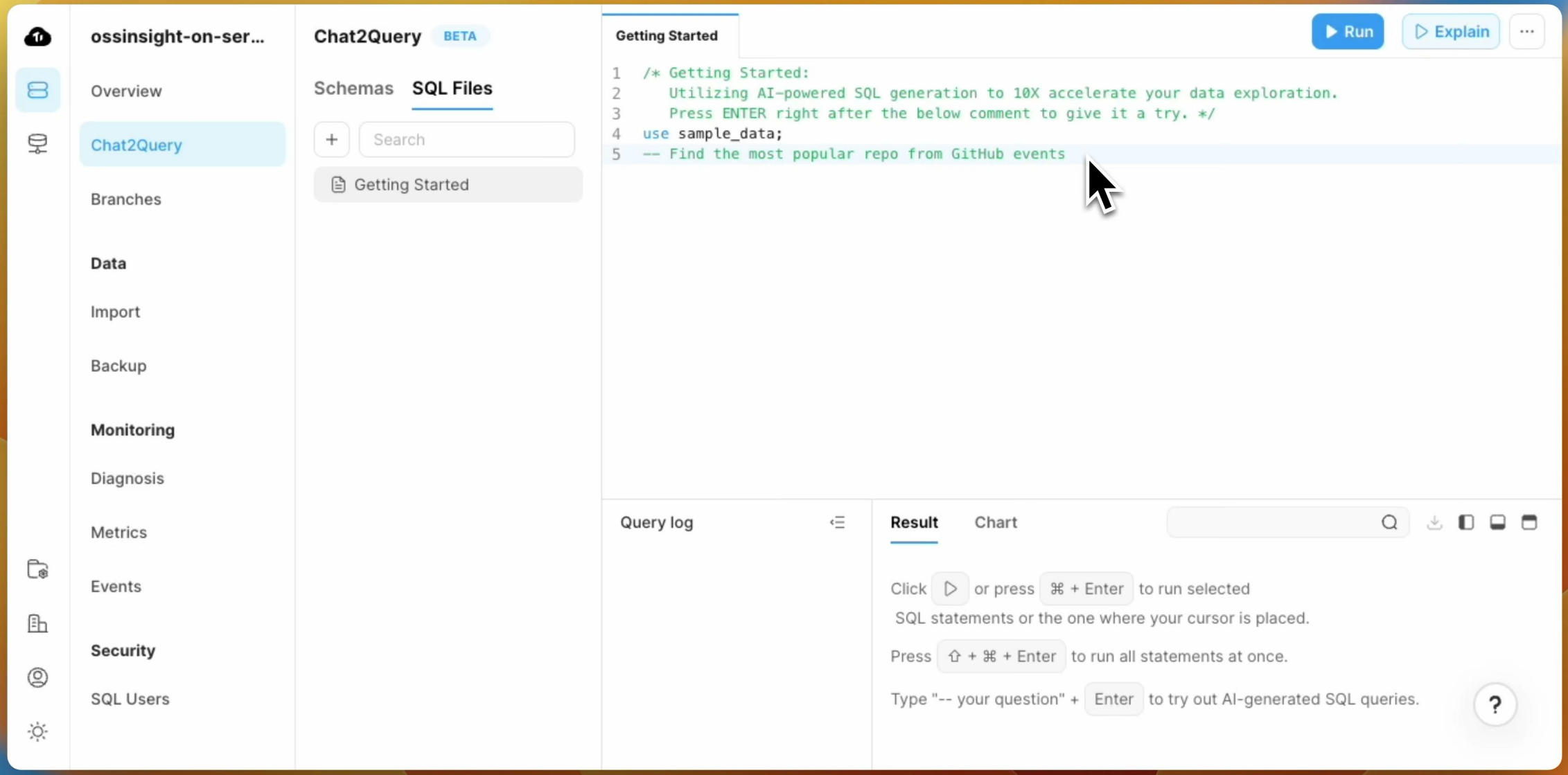
自然语言到SQL


options
id: INT
name: VARCHAR(25)
value: VARCHAR(50)
statuses
id: INT
name: VARCHAR(20)
has_many
has_one
profiles
id: INT (FK)
first_name: VARCHAR(50)
middle_name: VARCHAR(50)
last_name: VARCHAR(50)
website: VARCHAR(100)
roles
id: INT
name: VARCHAR(50)
level: INT
users
id: INT
username: VARCHAR(50)
password: VARCHAR(50)
email: VARCHAR(100)
registration_code: VARCHAR(25)
role_id: INT (FK)
status_id: INT (FK)
provider_id: INT (FK)
created_at: DATETIME
modified_at: DATETIME
pages
id: INT
title: VARCHAR(50)
text: TEXT
category_id: INT (FK)
state_id: INT (FK)
created_at: DATETIME
modified_at: DATETIME
categories
id: INT
name: VARCHAR
description:
states
id: INT
name: VARCHAR
providers
id: INT
name: VARCHAR(100)
code: VARCHAR(4)
website: VARCHAR(50)
email: VARCHAR(50)
links
id: INT
title: VARCHAR(50)
description: TEXT
url: VARCHAR(100)
backlink: VARCHAR(100)
state_id: INT (FK)
user_id: INT (FK)
created_at: DATETIME
modified_at: DATETIME
comments
id: INT
house_id: INT (FK)
user_id: INT (FK)
name: VARCHAR(50)
text: TEXT
created_at: DATETIME
modified_at: DATETIME
houses
id: INT
town_id: INT (FK)
area_id: INT (FK)
state_id: INT (FK)
province_id: INT (FK)
region_id: INT (FK)
country_id: INT (FK)
type_id: INT (FK)
availability_id: INT (FK)
condition_id: INT (FK)
title: VARCHAR(50)
description: TEXT
price: DECIMAL
created_at: DATETIME
modified_at: DATETIME
availabilities
id: INT
name: VA
conditions
id: INT
name: VA
level: INT
types
id: INT
name: VA
countries
id: INT
name: VA
regions
id: INT
country_id: INT
name: VARCHAR
provinces
id: INT
region_id: INT (FK)
name: VARCHAR(25)
areas
id: INT
province_id: INT (FK)
name: VARCHAR(25)
towns
id: INT
area_id: INT (FK)
name: VARCHAR(25)
tags
id: INT
name: VARCHAR(25)
HABTM
tags_houses
tag_id: INT (FK)
house_id: INT (FK)
pictures
id: INT
house_id: INT (FK)
name: VARCHAR(25)
url: VARCHAR(100)
thumbnail_url: VARCHAR(100)
caption: TEXT
services
id: INT (FK)
electricity: TINYINT(1)
water: TINYINT(1)
garage: TINYINT(1)
gas: TINYINT(1)
heating: TINYINT(1)
parking: TINYINT(1)
land: TINYINT(1)
land_sqm: REAL
pool: TINYINT(1)
pool_sqm: REAL
terrace: TINYINT(1)
terrace_sqm: REAL

```sql
CREATE TABLE `bookshop`.`users` (
  `id` bigint,
  `nickname` varchar(100),
  `balance` decimal(15,2)
);
```

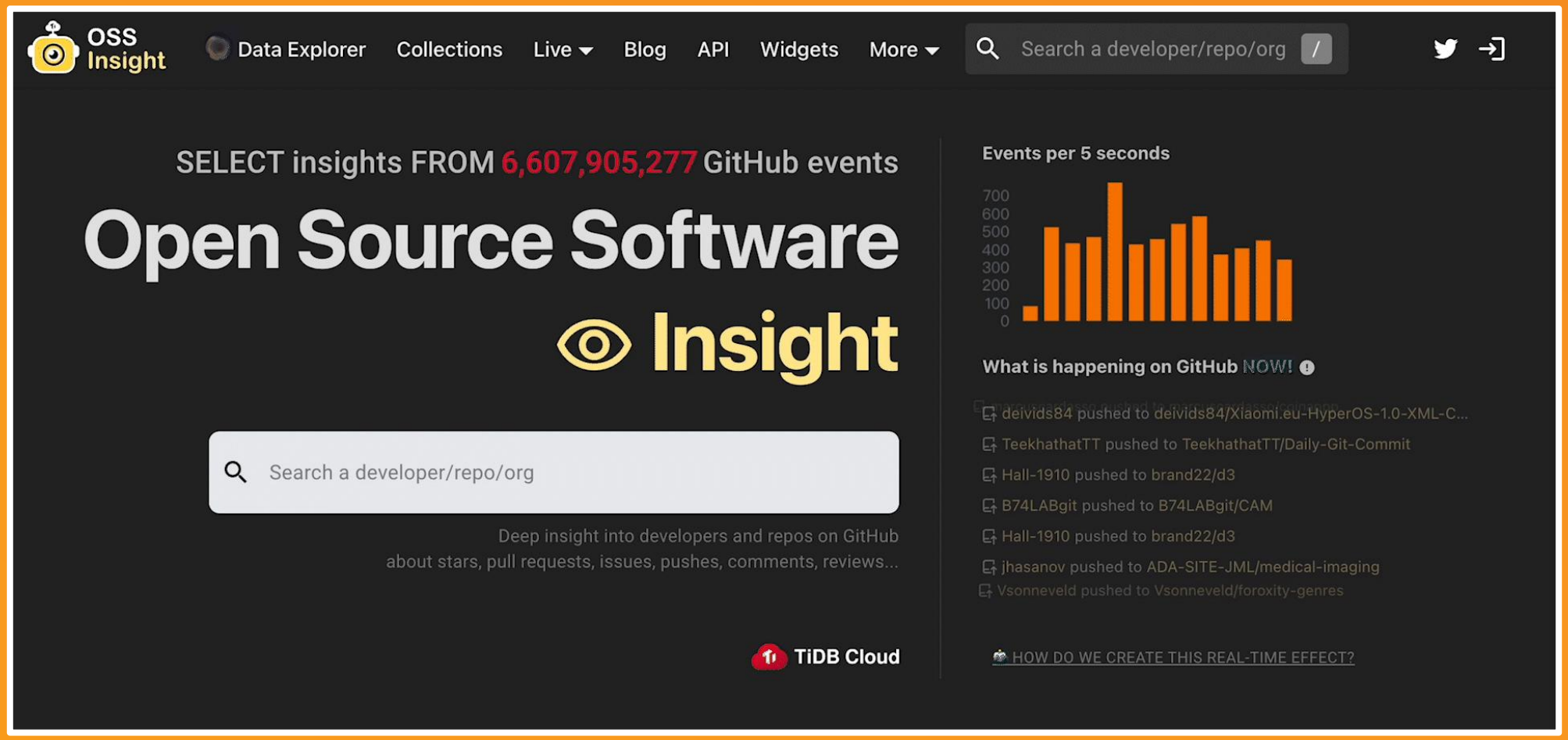
```sql
CREATE TABLE `bookshop`.`books`
  `id` bigint NOT NULL,
  `title` varchar(100),
  `type` enum('Magazine', 'Nove
  `published_at` datetime,
  `stock` int,
  `price` decimal(15,2)
);
```

```sql
CREATE TABLE ...
```


ossinsight-on-ser...
Overview
Chat2Query
Branches
Data
Import
Backup
Monitoring
Diagnosis
Metrics
Events
Security
SQL Users
Chat2Query
BETA
Schemas
SQL Files
Search
Getting Started
Getting Started
Run
Explain
1 /* Getting Started:
2 Utilizing AI-powered SQL generation to 10X accelerate your data exploration.
3 Press ENTER right after the below comment to give it a try. */
4 use sample_data;
5 -- Find the most popular repo from GitHub events
Query log
Result
Chart
Click or press ⌘ + Enter to run selected
SQL statements or the one where your cursor is placed.
Press ⇧ + ⌘ + Enter to run all statements at once.
Type "-- your question" + Enter to try out AI-generated SQL queries.

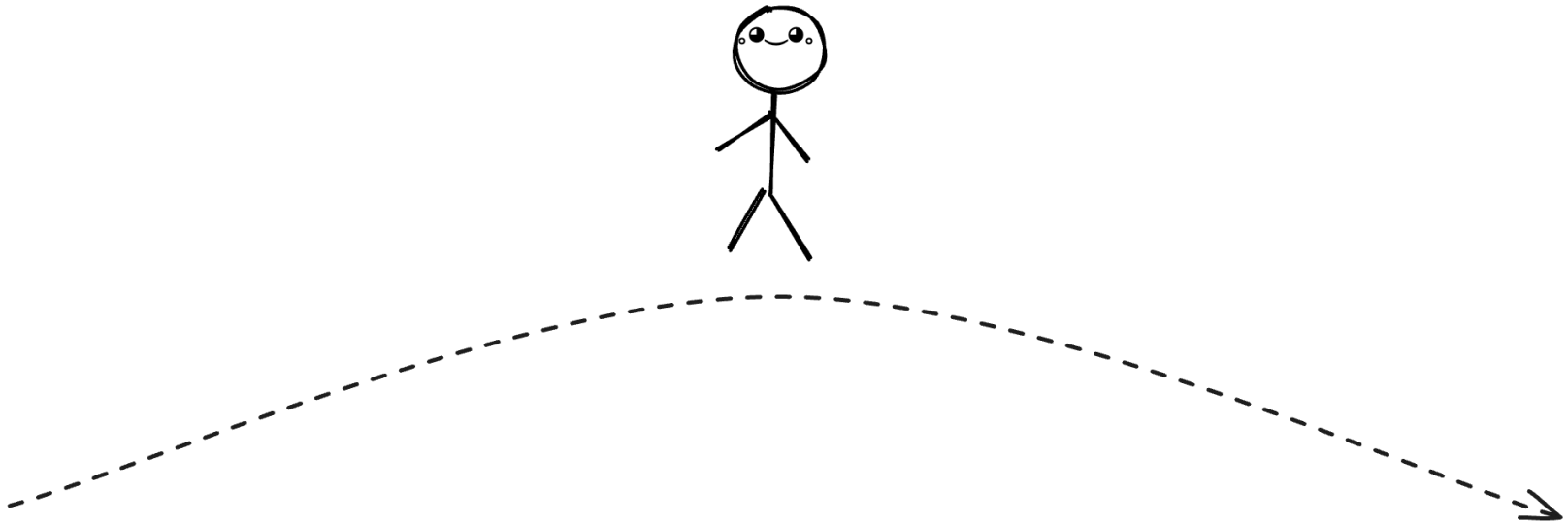
```sql
SELECT
  `repo_name`,
  COUNT(*) AS popularity
FROM
  `github_events`
GROUP BY
  `repo_name`
ORDER BY
  popularity DESC
LIMIT
  1;
```

OSS Insight


OSS Insight
Data Explorer
Collections
Live
Blog
API
Widgets
More
Search a developer/repo/org
/
SELECT insights FROM 6,607,905,277 GitHub events
Open Source Software Insight
Search a developer/repo/org
Deep insight into developers and repos on GitHub
about stars, pull requests, issues, pushes, comments, reviews...
TiDB Cloud
Events per 5 seconds
700
600
500
400
300
200
100
0
What is happening on GitHub NOW!
deivids84 pushed to deivids84/Xiaomi.eu-HyperOS-1.0-XML-C...
TeekhathatTT pushed to TeekhathatTT/Daily-Git-Commit
Hall-1910 pushed to brand22/d3
B74LABgit pushed to B74LABgit/CAM
Hall-1910 pushed to brand22/d3
jhasanov pushed to ADA-SITE-JML/medical-imaging
Vsonneveld pushed to Vsonneveld/foroxity-genres
HOW DO WE CREATE THIS REAL-TIME EFFECT?

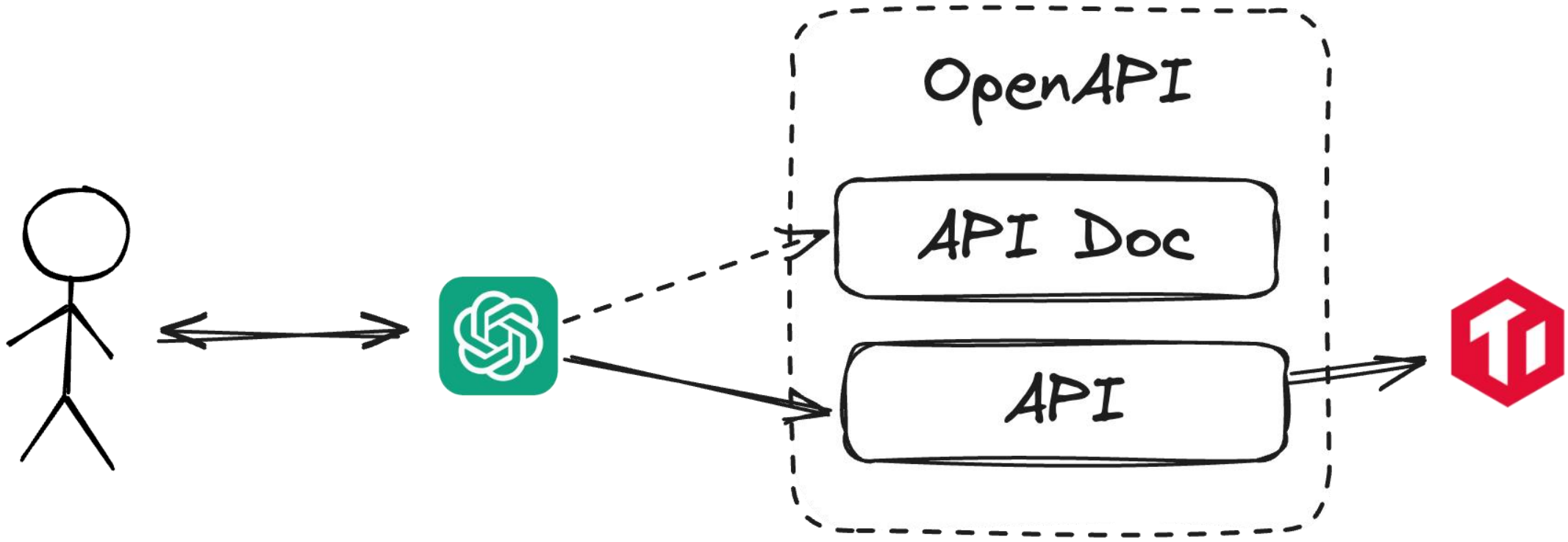
Select Count(*)

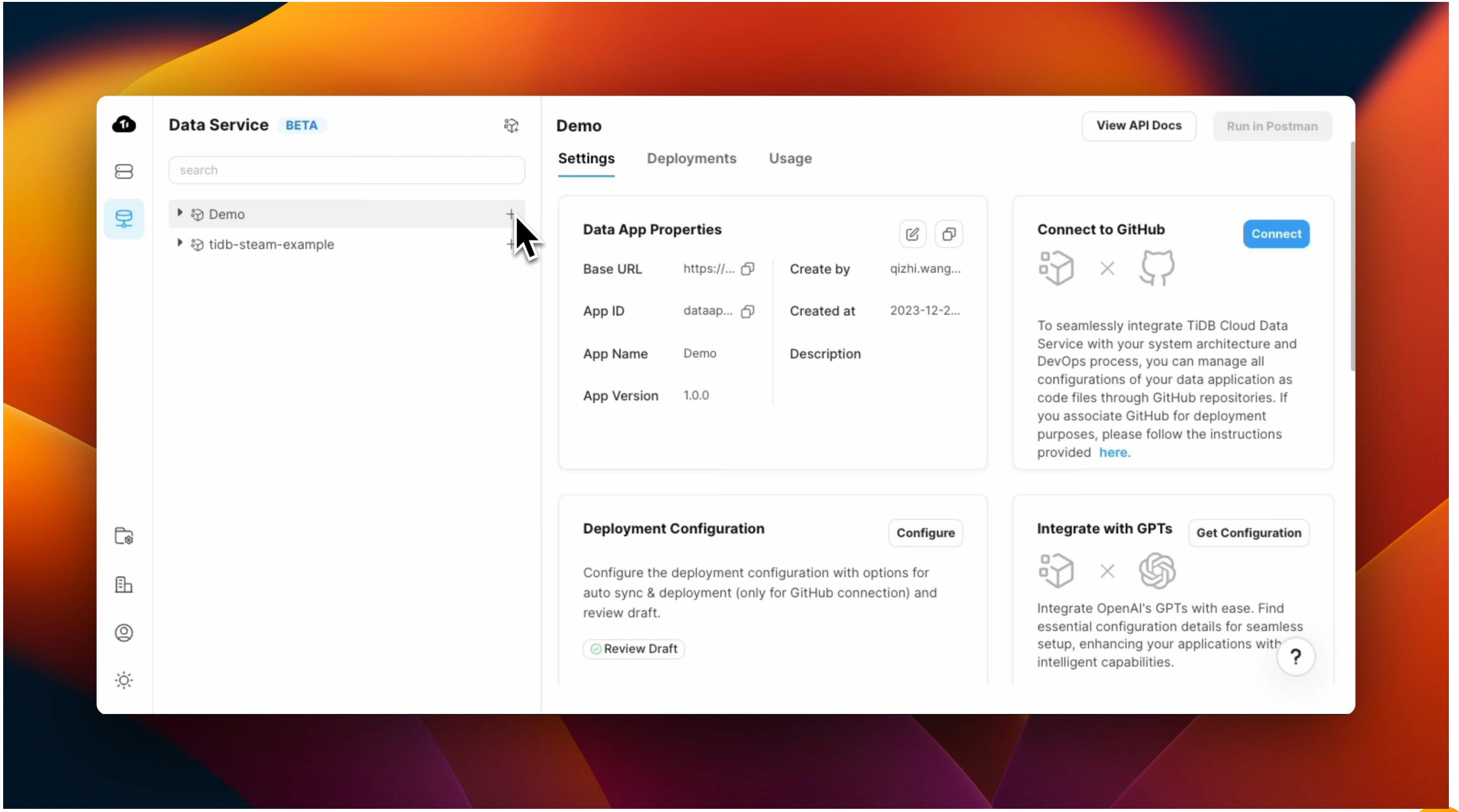
自然语言到图表

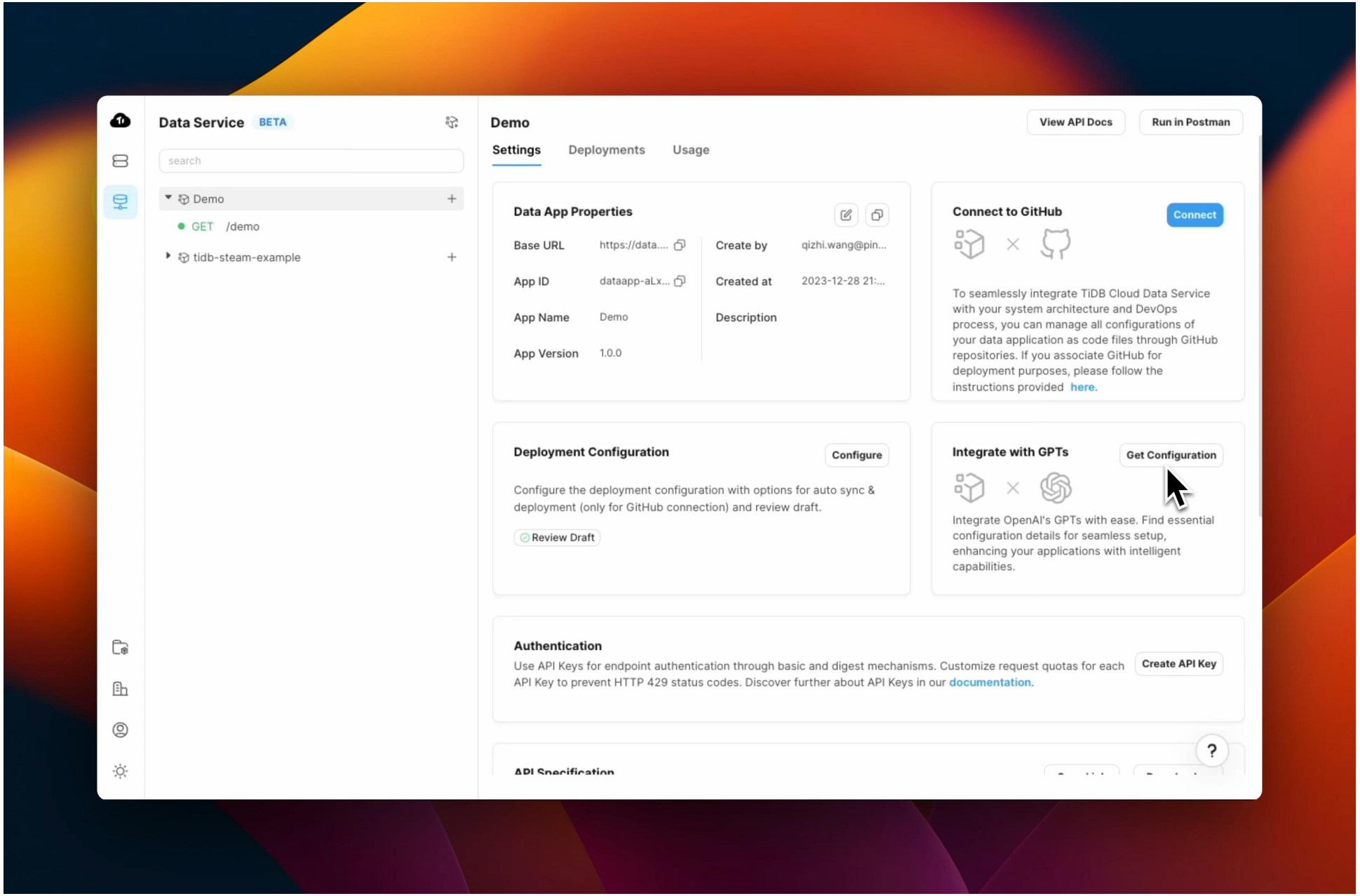

I want
to know...

Thoughts to insights made easy(with AI)

GPTs 调用数据库 API


OpenAPI
API Doc
API


Data Service
BETA
search
Demo
tidb-steam-example
Demo
View API Docs
Run in Postman
Settings
Deployments
Usage
Data App Properties
Base URL
https://...
App ID
dataap...
App Name
Demo
App Version
1.0.0
Create by
qizhi.wang...
Created at
2023-12-2...
Description
Connect to GitHub
Connect
To seamlessly integrate TiDB Cloud Data Service with your system architecture and DevOps process, you can manage all configurations of your data application as code files through GitHub repositories. If you associate GitHub for deployment purposes, please follow the instructions provided here.
Deployment Configuration
Configure
Configure the deployment configuration with options for auto sync & deployment (only for GitHub connection) and review draft.
Review Draft
Integrate with GPTs
Get Configuration
Integrate OpenAI's GPTs with ease. Find essential configuration details for seamless setup, enhancing your applications with intelligent capabilities.


Data Service
BETA
search
Demo
GET /demo
tidb-steam-example
Demo
View API Docs
Run in Postman
Settings
Deployments
Usage
Data App Properties
Base URL
https://data....
App ID
dataapp-aLx...
App Name
Demo
App Version
1.0.0
Create by
qizhi.wang@pin...
Created at
2023-12-28 21:...
Description
Connect to GitHub
Connect
To seamlessly integrate TiDB Cloud Data Service with your system architecture and DevOps process, you can manage all configurations of your data application as code files through GitHub repositories. If you associate GitHub for deployment purposes, please follow the instructions provided here.
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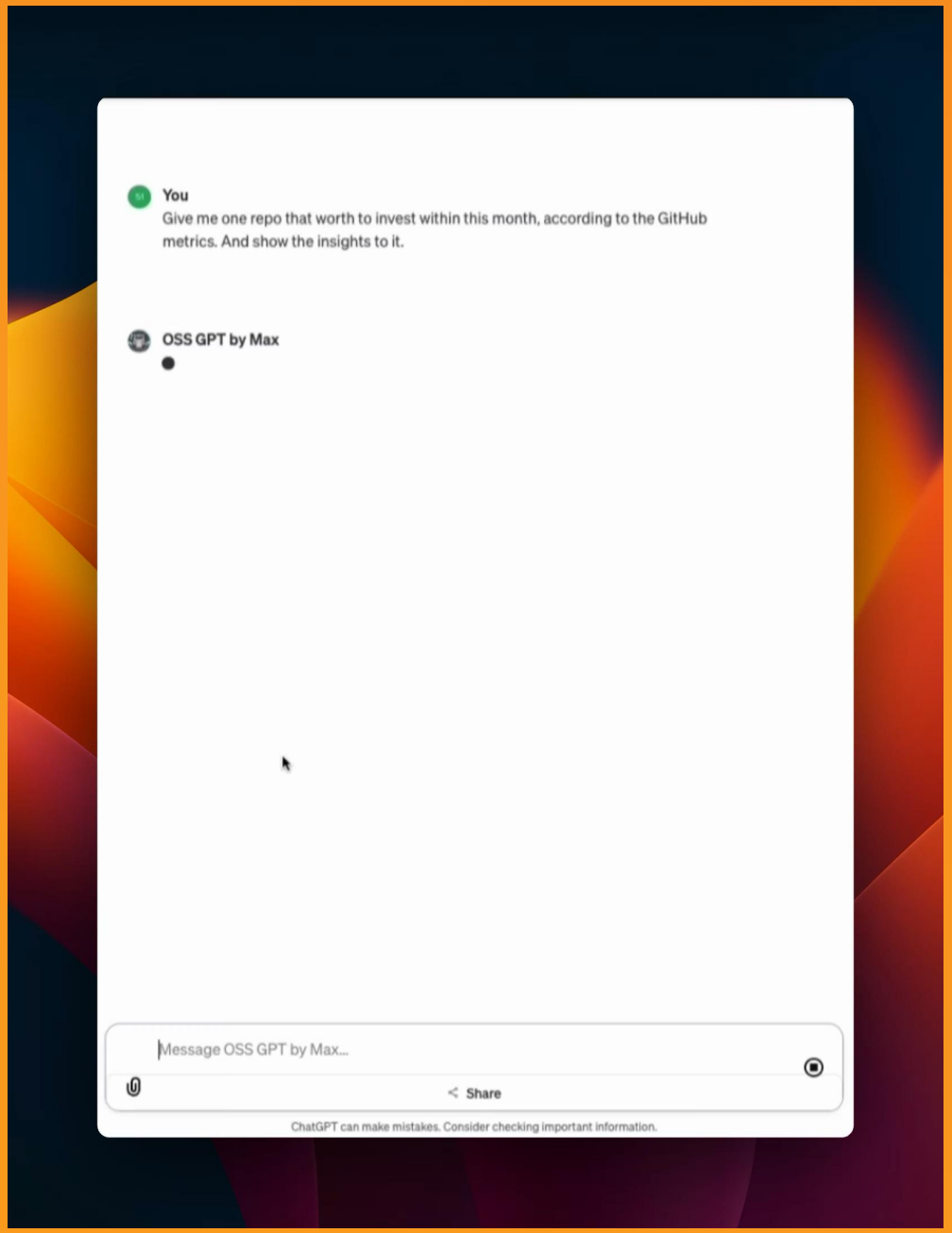
Configure the deployment configuration with options for auto sync & deployment (only for GitHub connection) and review draft.
Review Draft
Integrate with GPTs
Get Configuration
Integrate OpenAI's GPTs with ease. Find essential configuration details for seamless setup, enhancing your applications with intelligent capabilities.
Authentication
Use API Keys for endpoint authentication through basic and digest mechanisms. Customize request quotas for each API Key to prevent HTTP 429 status codes. Discover further about API Keys in our documentation.
Create API Key
API Specification


You
Give me one repo that worth to invest within this month, according to the GitHub metrics. And show the insights to it.
OSS GPT by Max
Message OSS GPT by Max...
Share
ChatGPT can make mistakes. Consider checking important information.

Thank You

Play with OSS Insight