



Stripe: Laying the Foundation for Agentic Capabilities

Getting Started: Steps for creating a Stripe account and receiving your first payment via the dashboard.

API Usage: Guidance on processing payments using the Stripe API, specifically via a Payment Intent or a Hosted Checkout Page.

Hackathon Resources: Detailed descriptions and links for key agentic resources, including the Agent Toolkit, the Stripe MCP Server (Model Context Protocol), and the Agentic Commerce Protocol (ACP) specification.

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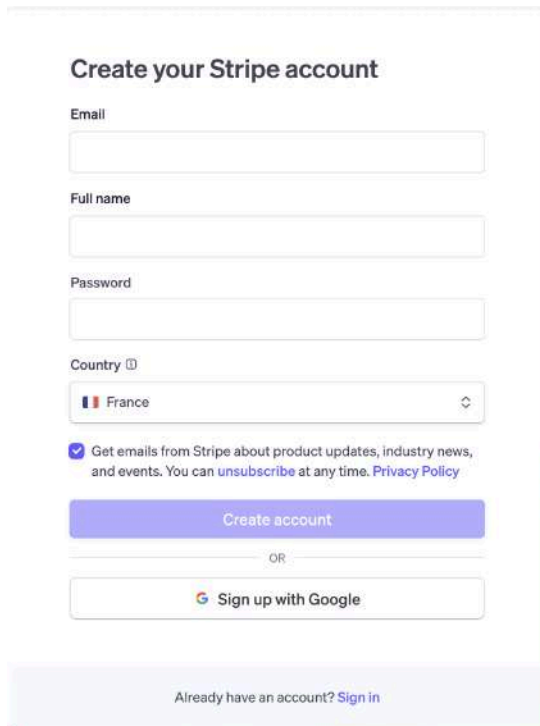
[Stripe MCP Server](#)

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Start with Stripe

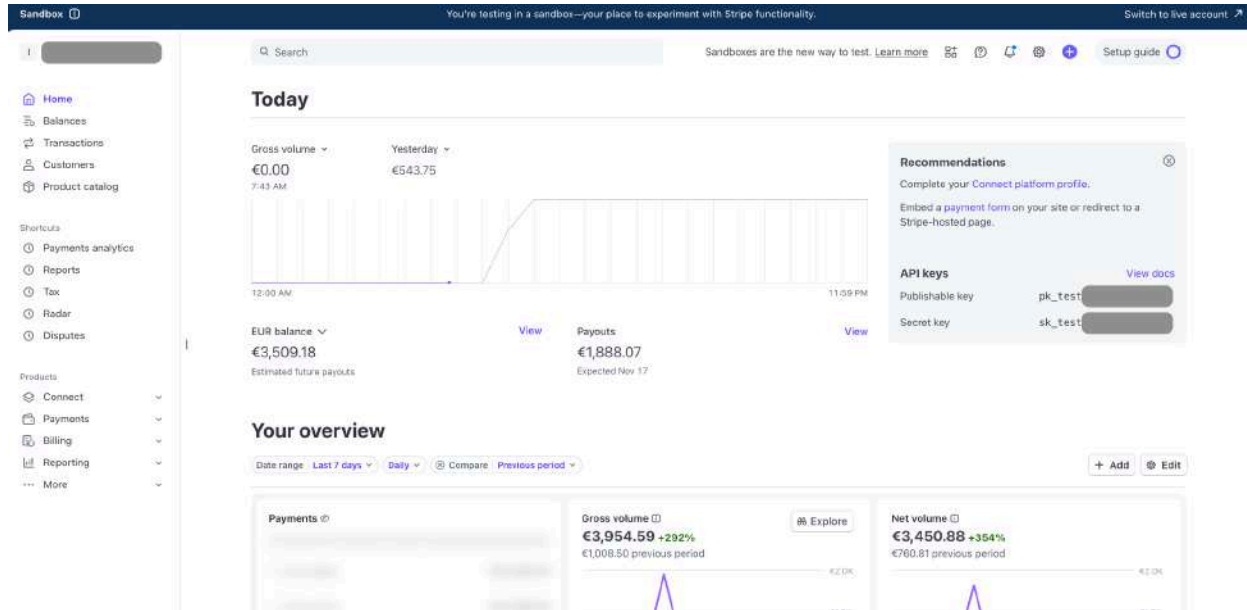
Create your Stripe account

- 1) Create your account [following this link](#). Feel free to use an already existing sandbox account you have.



The image shows the Stripe account creation form. It has a title 'Create your Stripe account'. Below it are input fields for 'Email', 'Full name', and 'Password'. There is a 'Country' dropdown menu with 'France' selected. A checkbox is checked, with text: 'Get emails from Stripe about product updates, industry news, and events. You can unsubscribe at any time. Privacy Policy'. Below this is a blue 'Create account' button. Under the button is a horizontal line with 'OR' in the center. Below that is a 'Sign up with Google' button. At the bottom, there is a link: 'Already have an account? Sign in'.

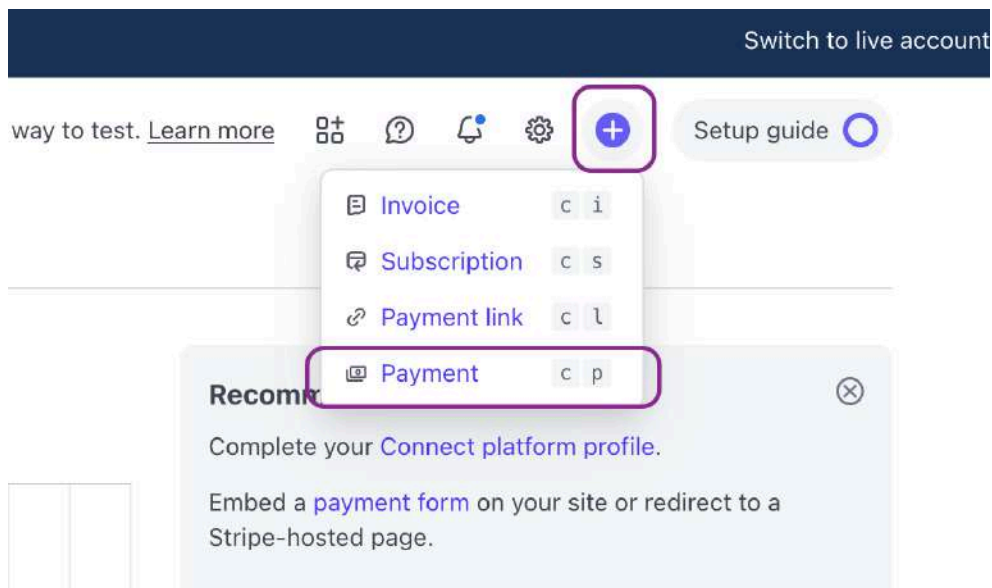
- 2) Enter the account details, and create your account.
- 3) You can now login to your account, this is what you should see. Welcome to the Stripe Dashboard! Note: if you are creating a new account, all numbers are at 0. Money will flow soon !



Receive your first payment

On dashboard


- 1) Click on the action button and select “Payment”.



- 2) Enter the One-time Payment Amount, currency, Description and [Statement descriptor](#). Make sure to use a **Test Card**. You can find all available [Test Payment Methods here](#).


You can optionally create a [Customer Object](#). This can be useful but for now you can skip this step.

One-time

Recurring 


Amount

€ 10.00


EUR 

Customer Optional

Find or add a test customer...

Description 

My First Payment With Stripe

Statement descriptor 

Test Transaction

Payment method

☒ Manually enter card information


VISA

4242

02 / 29

123

75011

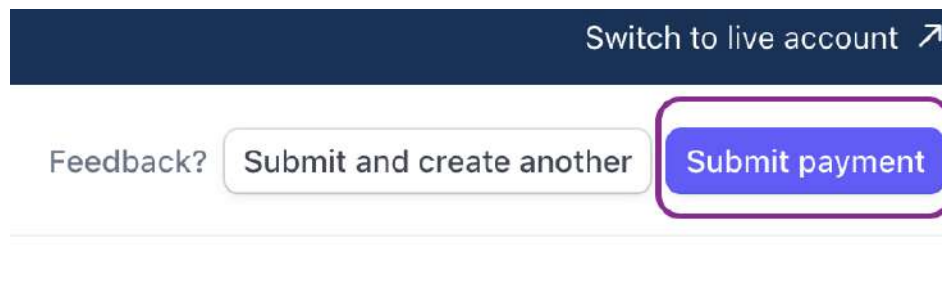
☐ Save card to customer 

> More options

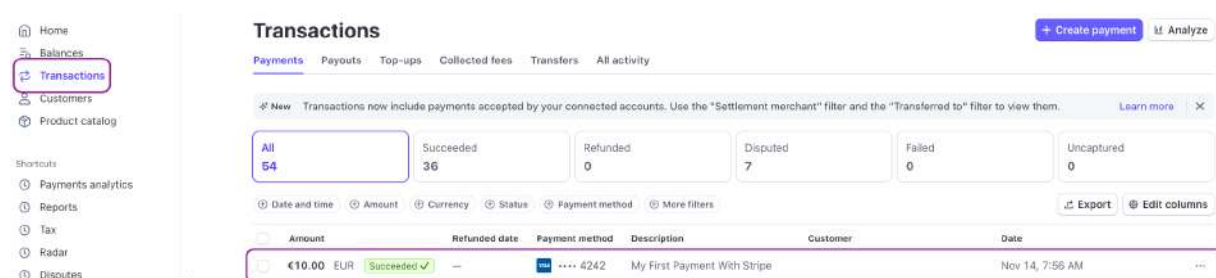
☐ Use a customer's on file payment method

☐ Email your customer a hosted invoice with Stripe Billing

3) Finally validate the payment



- 4) You can see the payment transaction in the 'Transactions' tab. I let you explore all the aggregated data you can collect from here about the transactions by clicking into it !



Using the API

All the API documentation on Stripe can [be found here](#).

Via a Payment Intent

- 1) Get you API Keys in your home page.

[Learn more](#)



Setup guide



Recommendations



Embed a [payment form](#) on your site or redirect to a Stripe-hosted page.

Design a custom payment flow with [embedded UI components](#).

API keys

[View docs](#)

Publishable key

pk_test_

Secret key

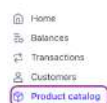
sk_test_

- 2) [Now follow this guide](#) to create a [Payment Intent](#), retrieve the client secret and finally collect the payment details.

Via a Hosted Checkout Page

- 3) You can also use a Stripe Hosted Checkout Page [following this guide](#). You would need to provide a Price ID. For this manually you can:

- a) Go to the Product Catalog section of your dashboard and click on 'Create products'



Product catalog

[All products](#) [Features](#) [Coupons](#) [Shipping rates](#) [Tax rates](#) [Pricing tables](#)

11 Analyze

[+ Create product](#)

All
7

Active
7

Archived
0

- b) Specify the name of the product, the amount and select one-off purchase.

Add a product Close preview

Name (required)
Name of the product or service, visible to customers.

Description
Appears at checkout, on the customer portal, and in quotes.

Image
Appears at checkout. JPEG, PNG, or WEBP under 2MB.

Product tax code
This will be used for calculating automatic tax. Defaults to the preset product tax code from your tax settings. [View docs](#)

More options ▼

Amount (required)

Include tax in price ⓘ

Preview
Estimate totals based on pricing model, unit quantity, and tax.

Unit quantity

Location

1 x €5.00 = €5.00

Subtotal	€5.00
VAT 20% (inclusive)	€0.83
Total	€5.00

- c) By clicking on the newly created product and on its price, you can retrieve the price_id to use to purchase the product via the Hosted Checkout page.

Search Sandboxes are the new way to test. [Learn more](#) 🔍 📄 🔗 🔧 ⚙️ 📖 Setup guide

PRICE

Price for Product Test

Product	Unit price
Product Test	€5.00

price_15T1F859fhTxu9Kgtfq6lo Edit ...

Hackathon Useful Ressources

Agent Toolkit

A set of SDKs, reference patterns, and ready-made tools for building AI agents that can read from and act on Stripe. It abstracts the hard parts of “agentifying” Stripe workflows—auth and scoping, rate limits and retries, idempotency, audit logging, human-in-the-loop checkpoints, and safety guardrails—so you can focus on the task logic (e.g., creating/refunding charges, managing subscriptions and invoices, checking payouts, handling disputes).

Useful Resources:

- [Official Documentation](#)
- [Quickstart Guide](#)
- [Related GitHub \(in Stripe AI repo\)](#)
- [PyPI Package \(for Python integration\)](#)

Stripe MCP Server

A Model Context Protocol (MCP) server that exposes Stripe and adjacent enterprise tools as discoverable, strongly-typed capabilities to MCP-compatible agents and IDEs. It acts as the secure bridge between agents and internal systems, mediating authentication, policy, and observability while normalizing tool interfaces. With it, agents can discover and call tools (e.g., Stripe APIs, data, tickets, docs) through a single, consistent protocol, enabling safer, auditable automation from a wide range of MCP clients.

Useful Resources:

- [Official Documentation](#)
- [Related GitHub \(in Stripe AI repo\)](#)

Agentic Commerce Protocol

The Agentic Commerce Protocol (ACP) is an open-source specification that enables AI agents to securely discover, evaluate, and complete purchases on behalf of buyers. It defines standardized RESTful endpoints for creating, updating, completing, and canceling checkout flows, while using SharedPaymentTokens to securely pass payment credentials between AI platforms and businesses without exposing sensitive information.

Useful Resources:

- [Official Website](#)
- [GitHub Repository](#)
- [OpenAI Developer Guide](#)