

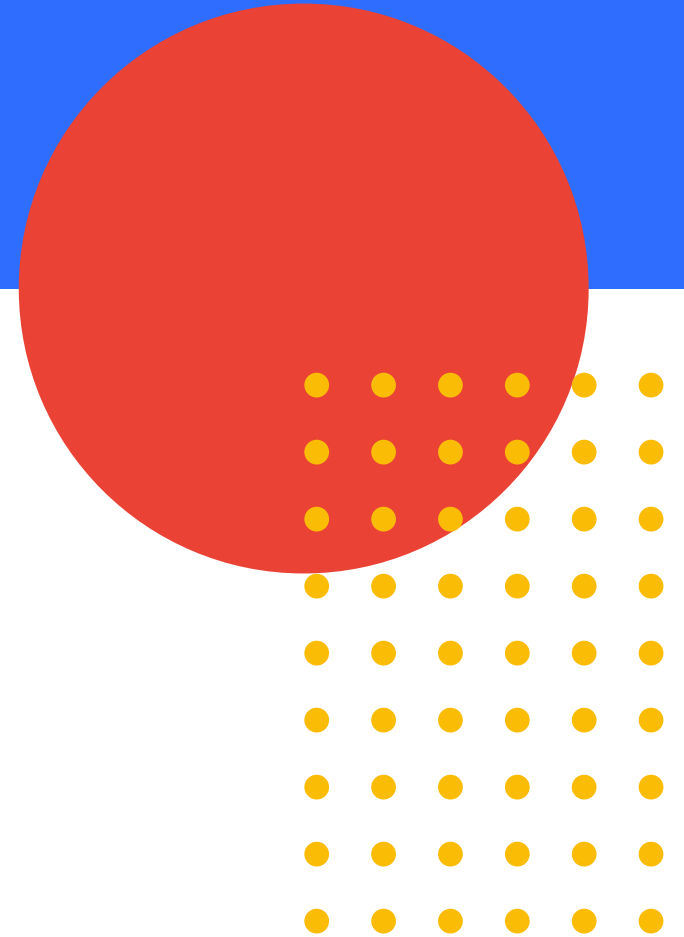
# Intelligent Open Source License Recommmandation System

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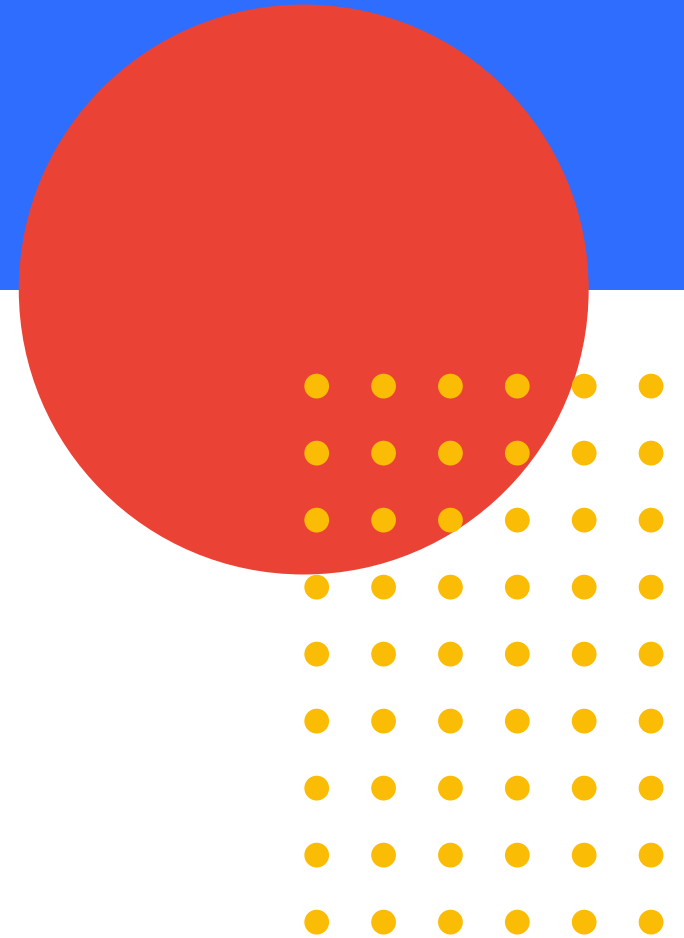
# Why Licensing Matters in Open Source

- 01.** Defines how others can use, change, or share your code.
- 02.** Protects your legal rights.
- 03.** Builds trust and encourages collaboration.
- 04.** Avoids legal conflicts.



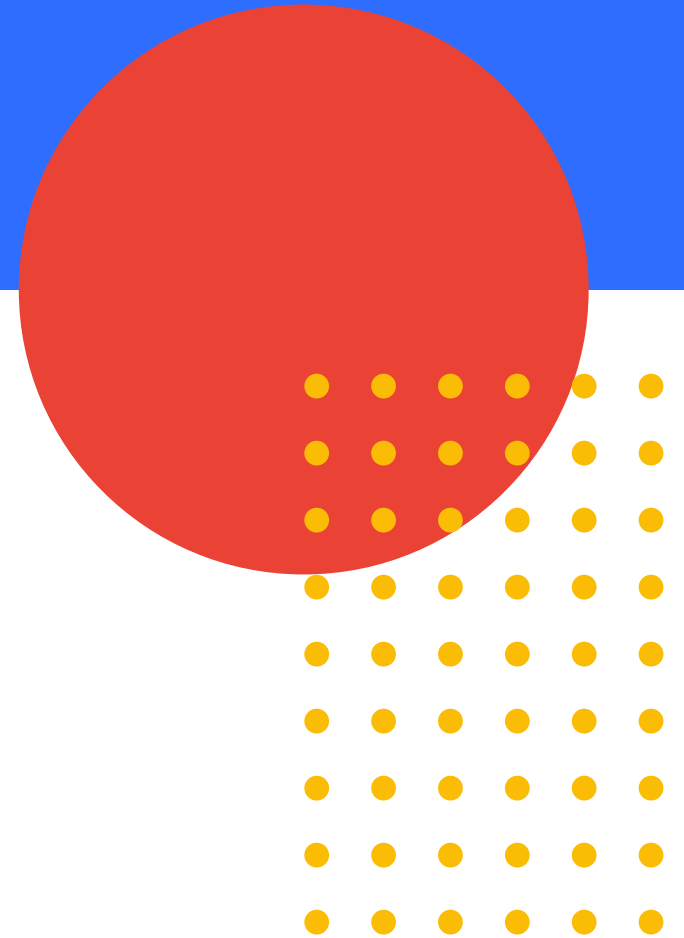
# The Problem

- 01.** Too many licenses: MIT, GPL, Apache, etc.
- 02.** Developers are unsure which one fits.
- 03.** Existing guides are complex or unclear.



# What Is the Open License Generator?

- 01.** A simple web tool.
- 02.** Asks a few questions.
- 03.** Recommends the best license.
- 04.** Allows download and admin control.



# Technology Stack

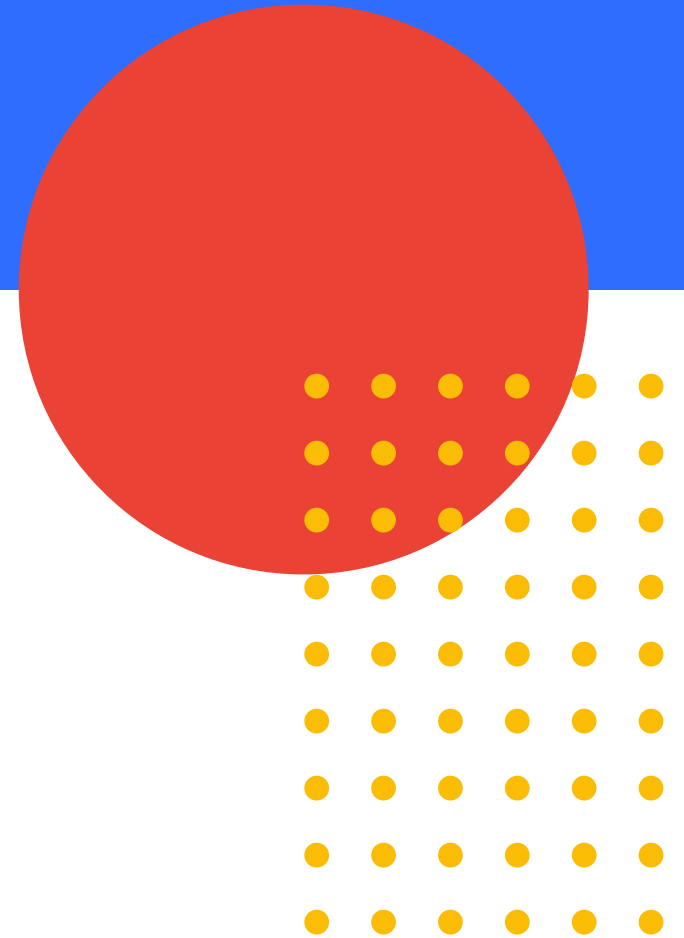
**Backend:** Laravel PHP Framework

**Admin Panel:** Filament PHP

**Database:** SQLite

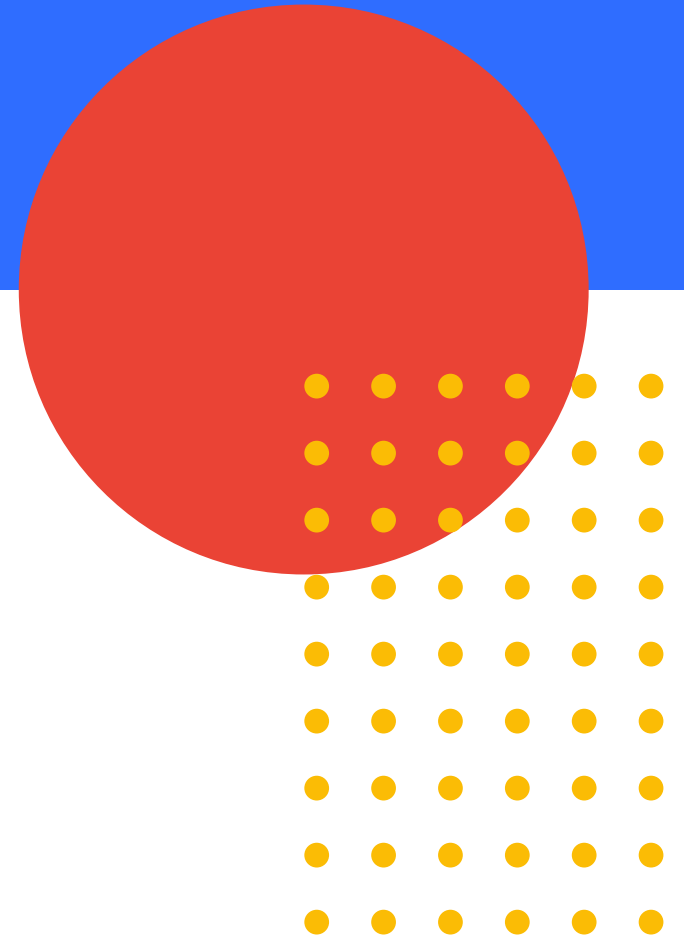
**Frontend:** Tailwind CSS

**Deployment:** Docker-ready for local and cloud hosting



# How the Tool Works

- 01.** User fills out a short questionnaire.
- 02.** Each answer has a score related to licenses
- 03.** The tool calculates which license fits best
- 04.** The user sees the result and can download the license text.



# License Selection Algorithm

1

**Start Quiz.**

2

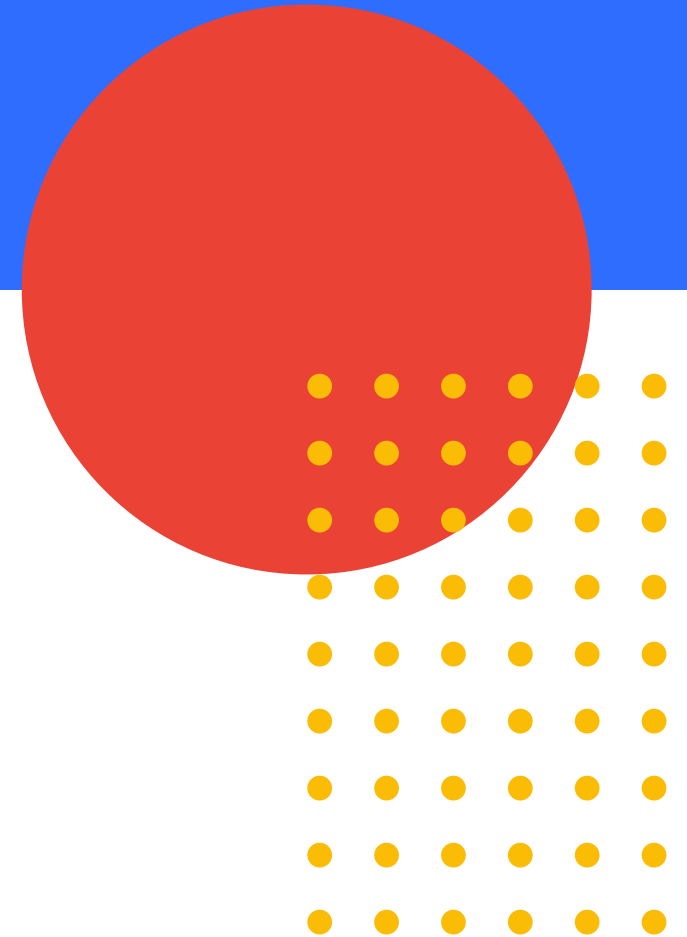
**For Each Question:**

- User selects an option
- Add scores to related licenses

3

**After All Questions Answered:**

calculate total sum score for each  
license based on answers



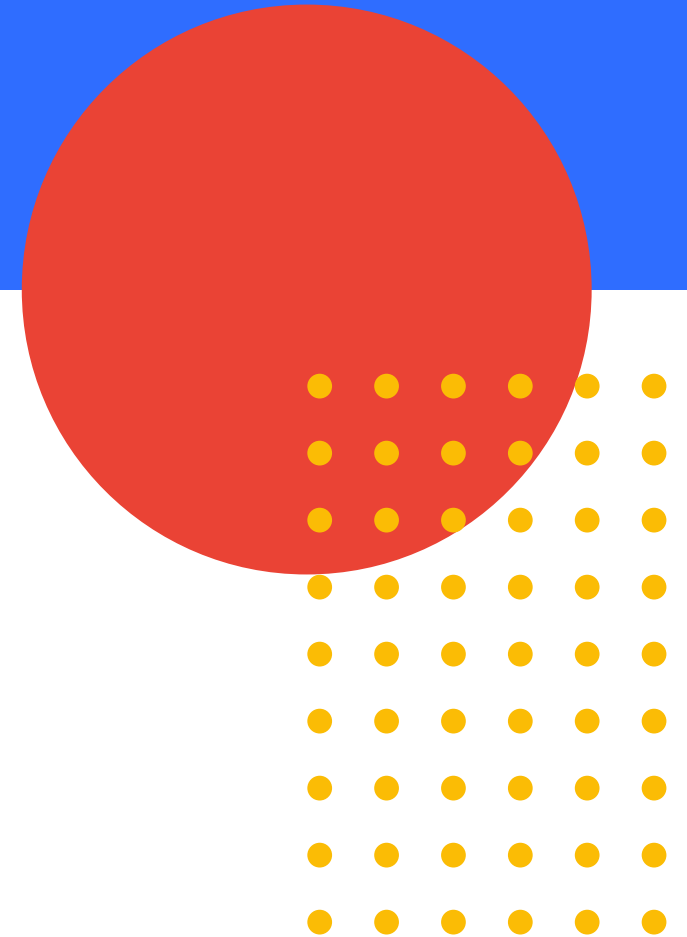
# License Selection Algorithm

4

**Find license(s) with the highest total score**

5

**Show recommended license(s) and allow download**



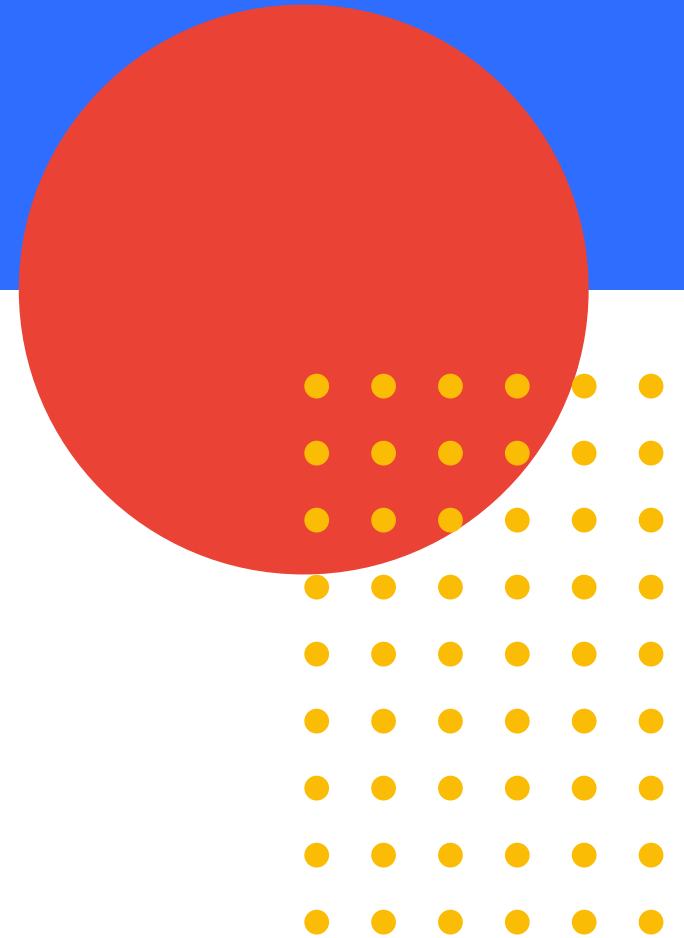


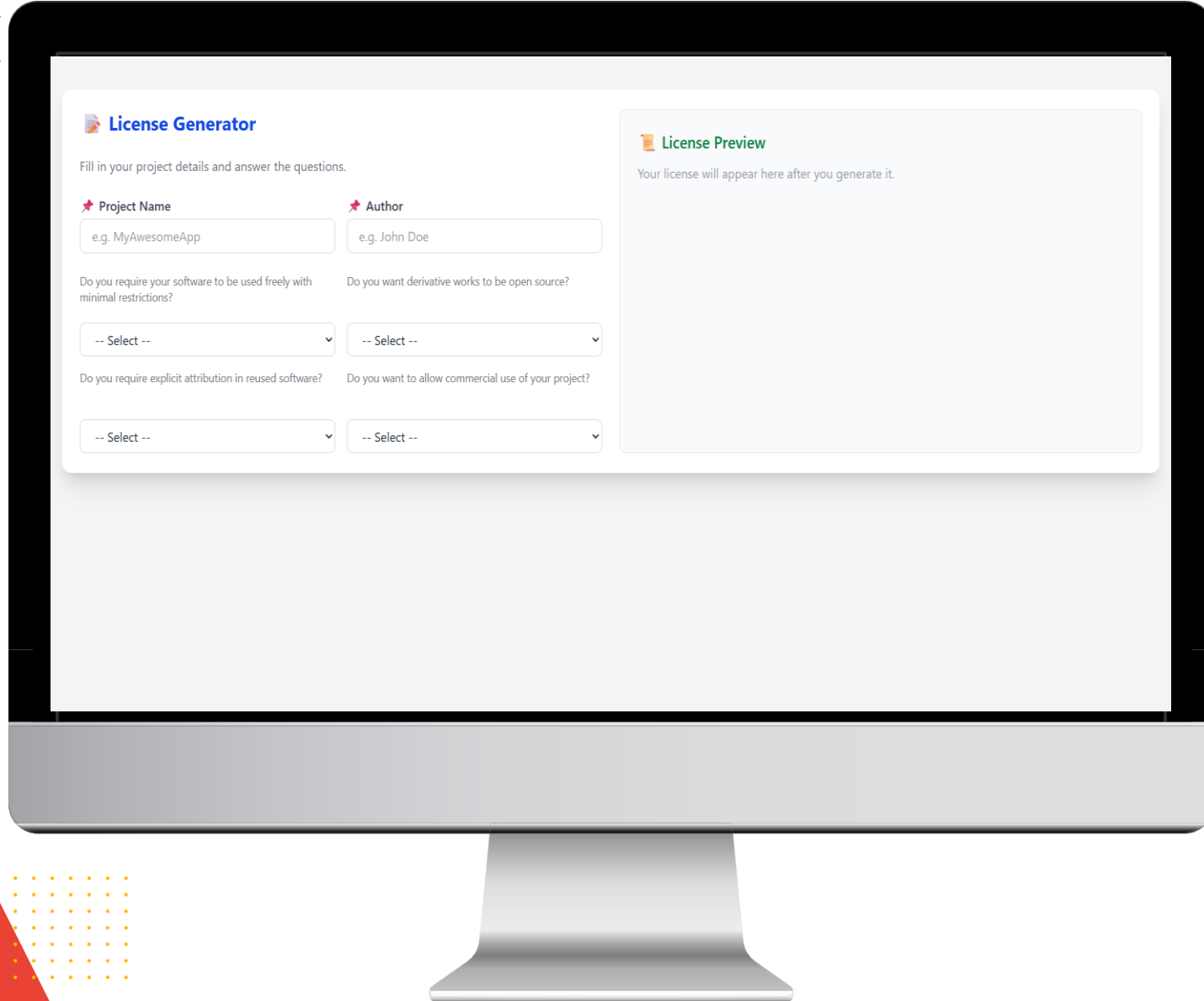
# Algorithm Design Highlights

**Dynamic:** Easy to add new licenses or update questions

**Transparent:** Admin can see how licenses are scored

**Open Source:** Anyone can use or improve the code





# Live Demo



**Project GitHub Repository**



# Future Work

**01.**

Add more licenses  
(e.g., EPL, MPL)

**03.**

Add explanations  
for each license

**02.**

Support multiple  
languages

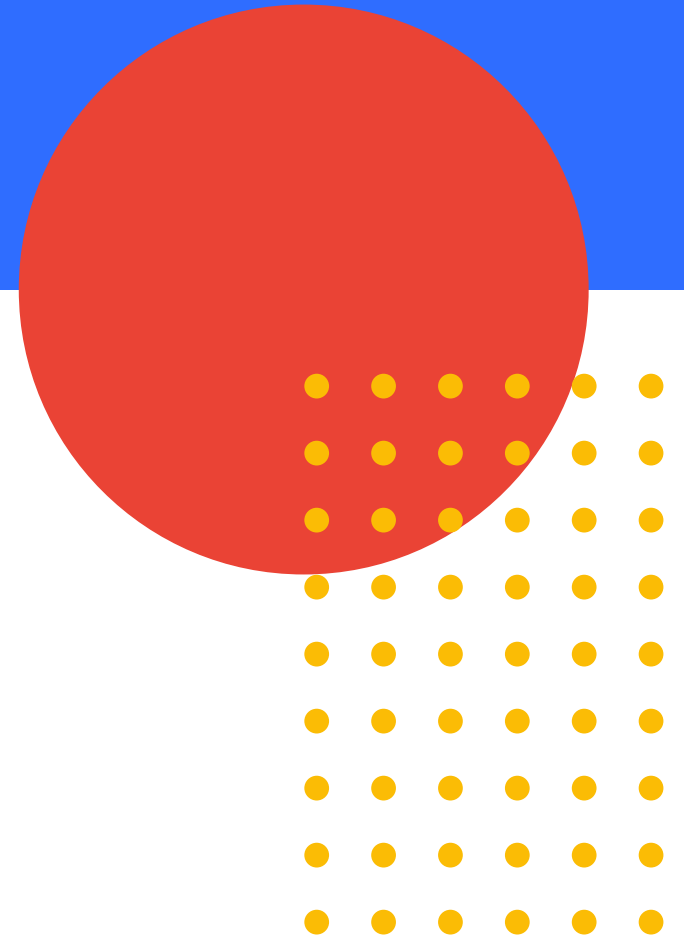
**04.**

API access for  
developers



# Conclusion

- 01.** Licensing is essential for open source.
- 02.** This tool helps choose the best license easily.
- 03.** Tool built with modern open-source stack.
- 04.** Ready to grow and help the community.





**Questions**