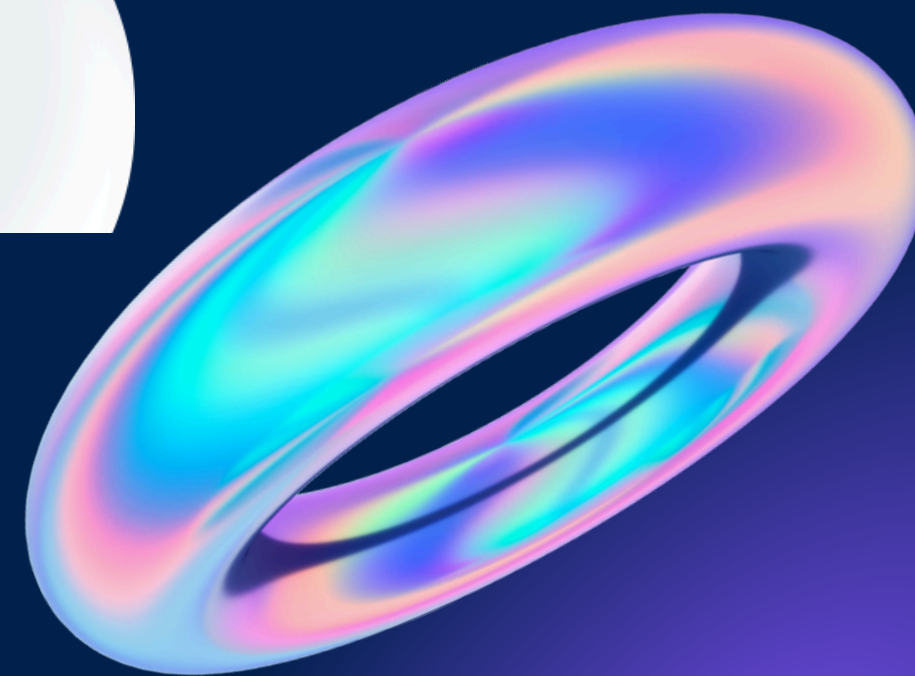




IntelliDoc

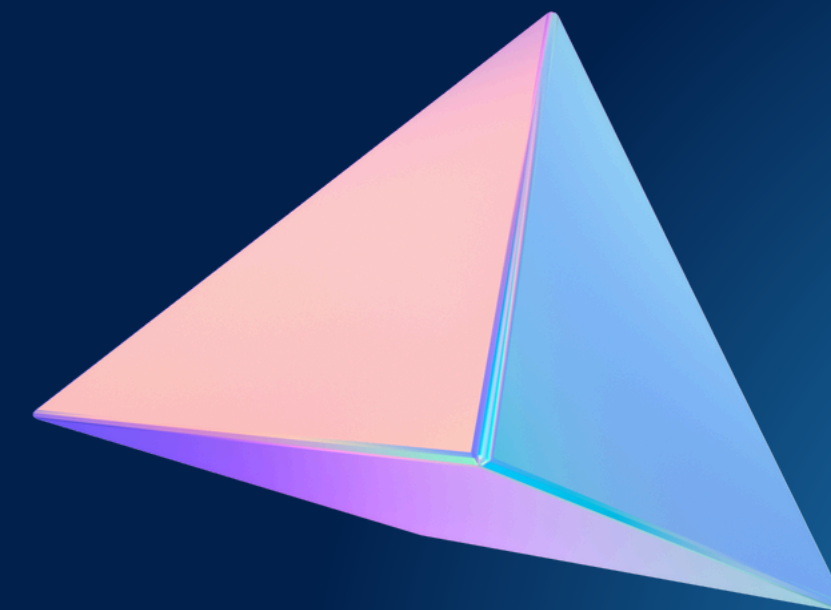
AI-Powered Code Documentation Tool
with Integrated Chatbot

By Team DevDomain



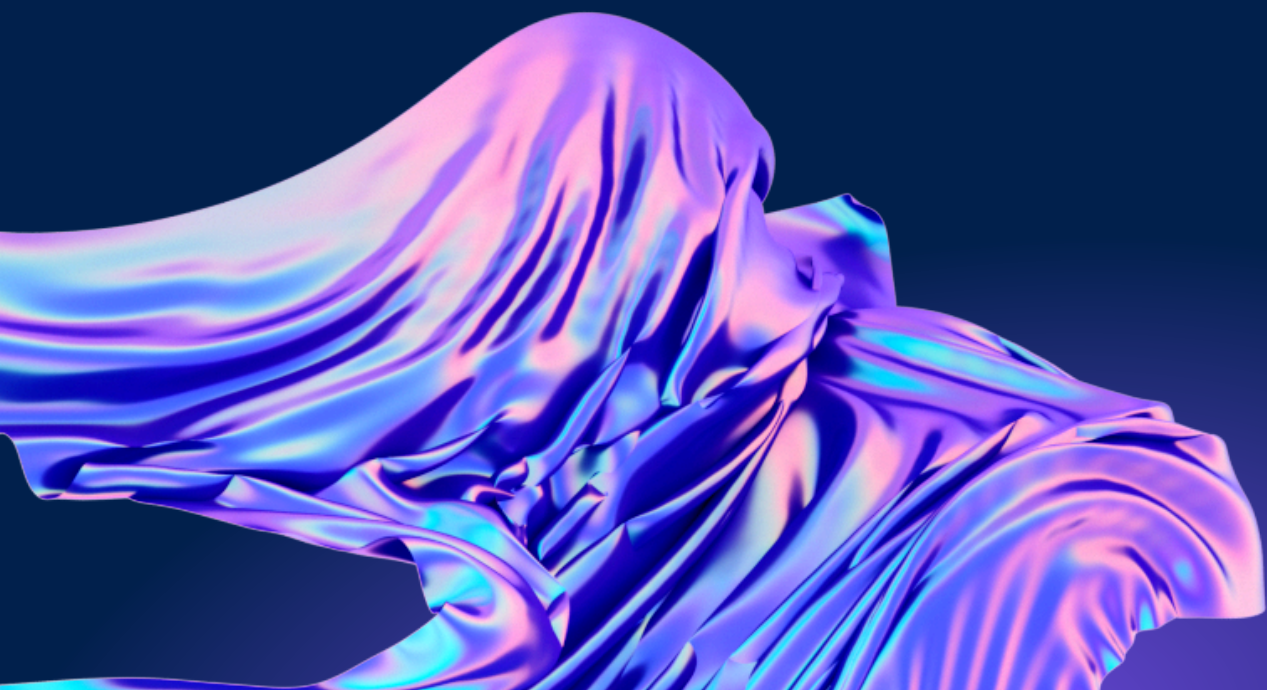
The Problem

- Inefficient Documentation: Manual updates lead to outdated or incomplete code docs.
- Lack of Real-Time Support: Developers lack interactive, on-demand clarification.
- Productivity Loss: Scattered, fragmented information slows onboarding and development.



AWS reported that developers spend roughly **85%** of a workday on non-coding.

GitHub reported that time spent on code documentation could be reduced by up to **50%** when using AI tools

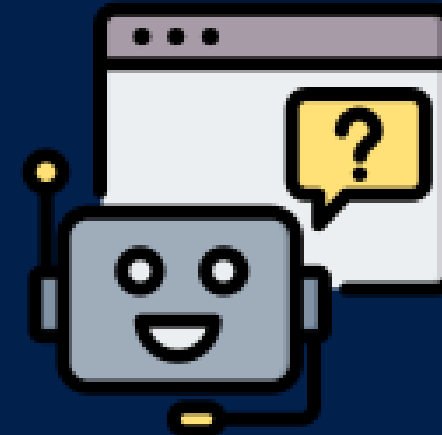


The Fix



Automated Code Documentation

Generate and maintain comprehensive code documentation.



Integrated Chatbot Assistance

context-aware chatbot, developers can query to navigate and understand the codebase in real time



Time and Cost Savings

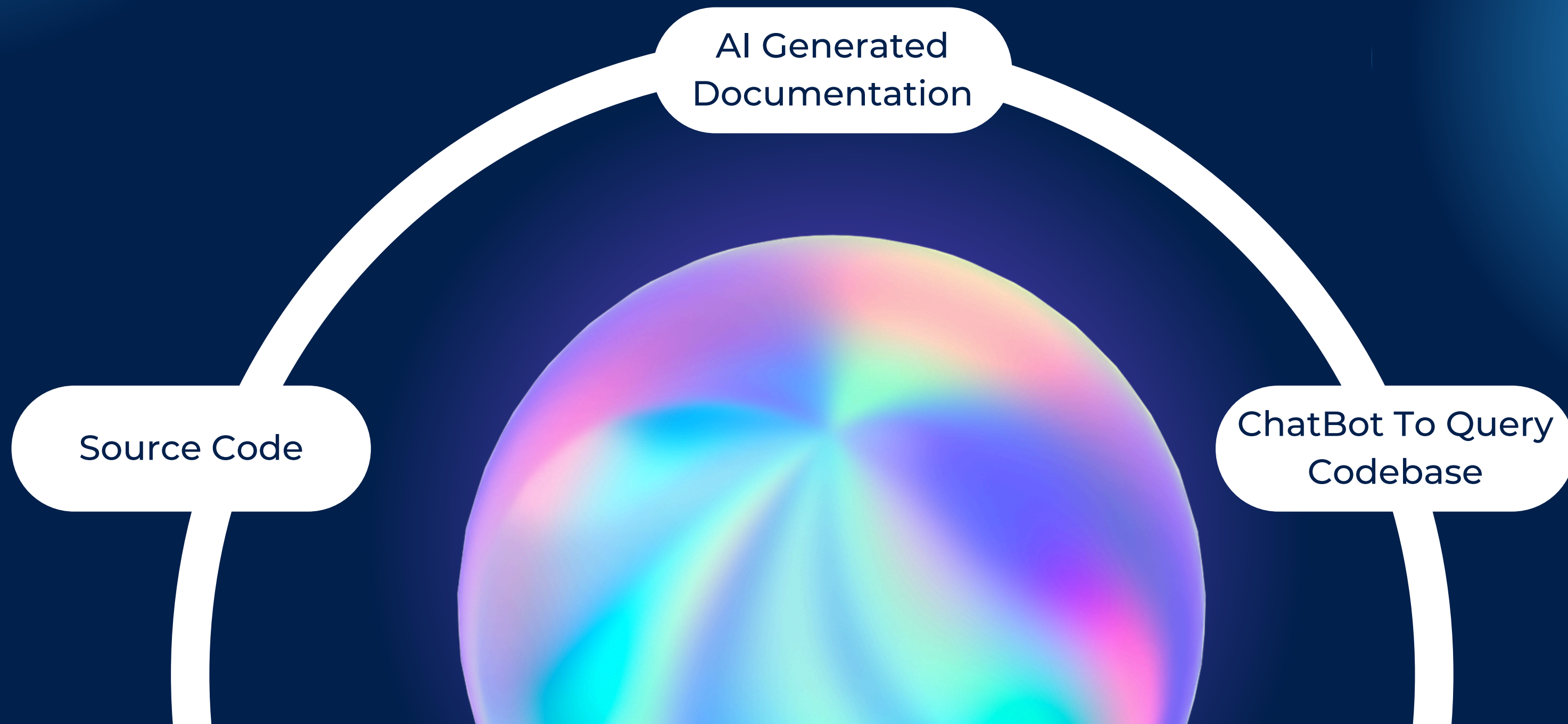
cut down documentation efforts by up to 50%, freeing developers to focus on creative problem-solving and innovative coding



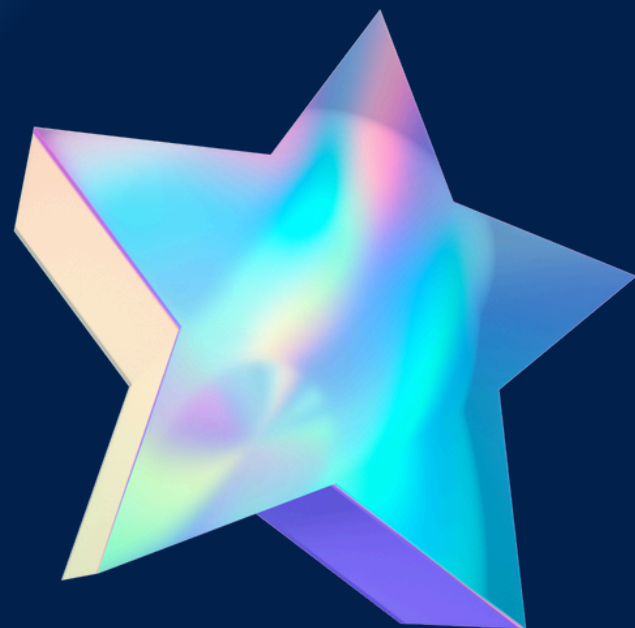
Enhanced Maintainability

Clear documentation makes it easier for new team members to quickly understand and contribute to the project.

The Flow



Market Overview



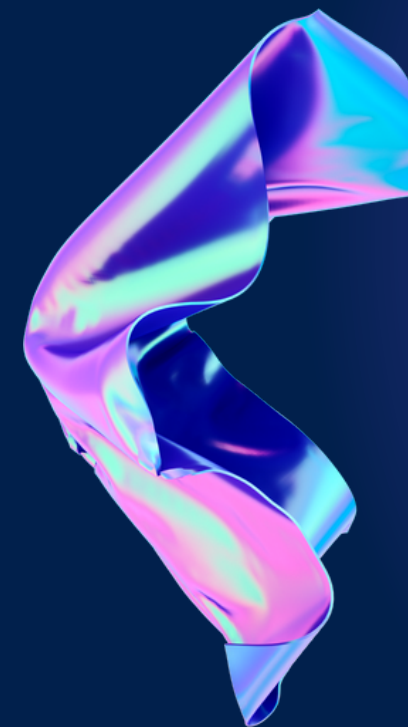
25.82%

CAGR For the period
2025 -2034



\$13.8 Billion

Estimated Market
Size For 2025



\$109.12 Billion

Estimated Market
Size By 2034

Source

<https://www.marketresearchfuture.com/reports/ai-productivity-tools-market-23074>

Tech Stack

Python

IBM Granite 3-8b-instruct

Python Gradio

Replit

Potential Revenue Streams

Subscription Plans

Recurring monthly or annual fees for individual users, teams, and enterprises.

Enterprise Customization

Tailored solutions with dedicated support and service level agreements.

Partnerships

Revenue sharing with IDE platforms and developer marketplaces.

SWOT Analysis

Strengths

- Scans codebases and generates documentation
- Interactive chatbot for seamless code navigation.
- Advanced text generation for clear, organized output.
- Speeds up onboarding for new contributors.

Weaknesses

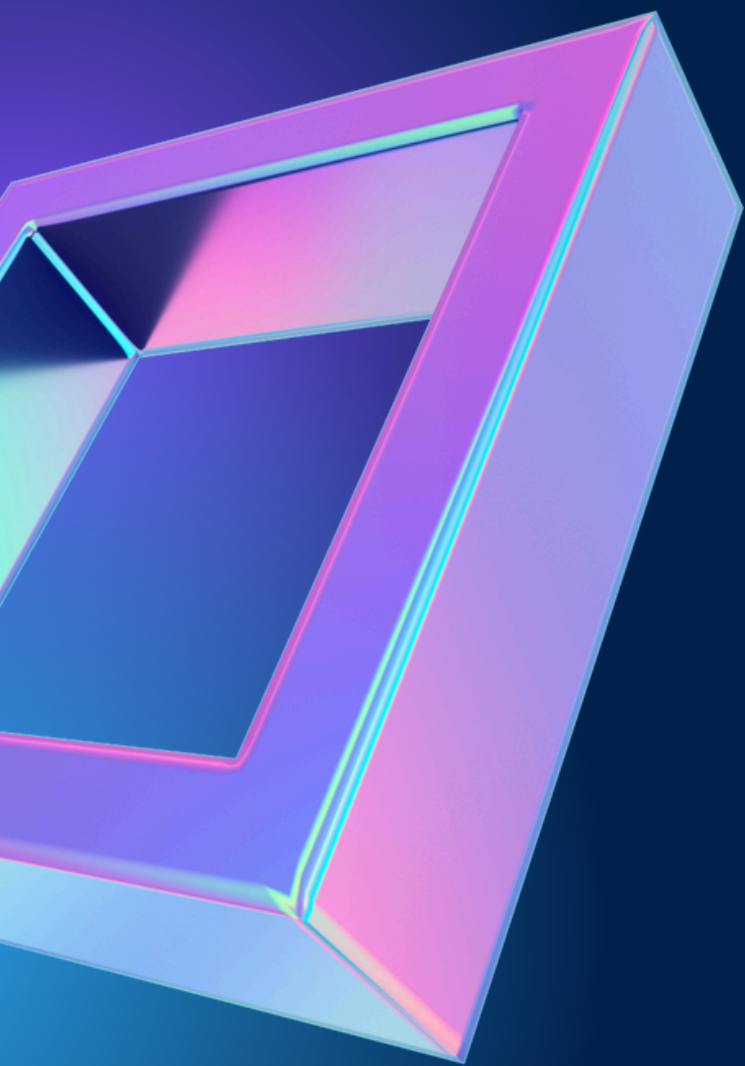
- Depends on IBM Watsonx and external API keys, which may affect consistency and incur costs.
- Optimized for Python, needing adjustments for other languages.
- May struggle with very large or complex codebases.

Opportunities

- Integrates with multiple version control systems and diverse languages.
- Opportunity for additional AI insights and CI/CD integration.
- Serves as a productivity tool for large teams and open-source projects.

Threats

- Increasing number of tools offering code analysis and documentation features.
- Changes in IBM Watsonx pricing or functionality could impact the project's viability.
- Handling sensitive code data requires rigorous security measures to mitigate risks.



Thank You