



knowanything – AI Assistant

Privacy-first, context-aware AI conversations for any webpage

Built for **VIBE HACK 2.0** 🚀

Chrome Extension · Powered by Gemini 2.5 Flash

What's Broken Today?



The Current Problem

Today's AI assistants force users into inefficient workflows that break concentration and compromise accuracy. When reading content online, users must constantly switch tabs to ask questions, losing their place and context in the process.

Even worse, AI responses frequently hallucinate or provide information that isn't actually from the selected text. There's no guarantee that answers come from the specific content you're examining, and many server-side tools introduce significant privacy risks by processing your data remotely.

Context Loss

Switching tabs breaks focus and loses reading position

Hallucinations

AI invents answers not grounded in source material

Privacy Risks

Server-side processing exposes sensitive information

Introducing knowanything



Select Text

Highlight any content on any webpage



Chat In-Place

AI assistant appears right where you're reading



Context-Only

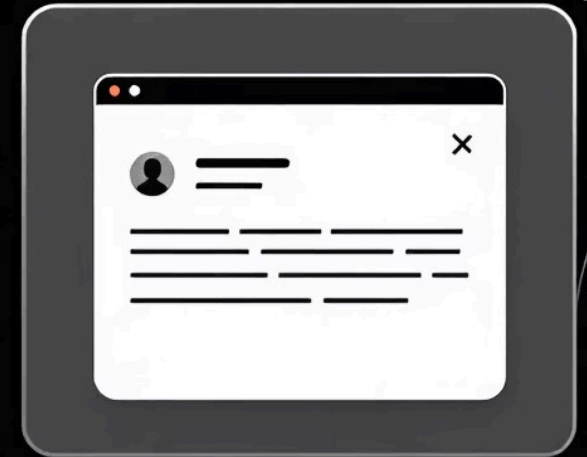
Answers based strictly on selected text



Privacy-First

All processing happens locally

Outcome: Faster understanding with zero hallucinations. Stay focused on your content while getting accurate, context-aware assistance exactly when you need it.



How It Works

knowanything creates a seamless bridge between your browsing experience and AI assistance. The entire process is designed for speed, accuracy, and privacy protection.

01

Text Selection

User highlights specific content on any webpage, PDF, or iframe

02

Popup Activation

The knowanything interface appears instantly near the selected text

03

Local Extraction

Context is captured and processed entirely within your browser

04

Gemini Processing

Selected context sent directly to Gemini 2.5 Flash API

05

Context-Only Response

AI provides answers strictly based on your selected content

In Action

WIKIPEDIA

The Free Encyclopedia

Search Wikipedia

Search

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(Top)

> History

> Core theories

> Research

> Branches and fields

> Other aspects

> See also

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ArticleTalk

ReadEditView history

From Wikipedia, the free encyclopedia

For other uses, see [Physics \(disambiguation\)](#). Not to be confused with [Physis](#).

Physics is the scientific study of matter, its fundamental constituents, its motion and behavior through space and time, and the related entities of energy and force.^[1] It is one of the most fundamental scientific disciplines.^{[2][3][4]} A scientist who specializes in the field of physics is called a [physicist](#).

Physics is one of the oldest academic disciplines.^[5] Over much of the past two millennia, physics, chemistry, biology, and certain branches of mathematics were a part of natural philosophy, but during the Scientific Revolution in the 17th century, these natural sciences branched into separate research endeavors. Physics intersects with many interdisciplinary areas of research, such as biophysics and quantum chemistry, and the boundaries of physics are not rigidly defined. New ideas in physics often explain the fundamental mechanisms studied by other sciences^[2] and suggest new avenues of research in these and other academic disciplines such as mathematics and philosophy.

Advances in physics often enable new technologies. For example, advances in the understanding of electromagnetism, solid-state physics, and nuclear physics led directly to the development of technologies that have transformed modern

This collage presents physics' various left [a]: a Newtonian distillation apparatus plate (waves, oscillations), borealis (geophysics), Feynman diagram of beta decay (nuclear physics and particle physics), gravitational lensing (astrophysics, optics & relativity), an insect floating across a pond (fluid mechanics and biophysics) and, lastly, the double-slit experiment (quantum mechanics).

KnowAnything

AI-powered conversation with any text

SETUP

Gemini API Key

.....

SaveTest

Don't have a key? [Get one free](#)

QUICK CHAT

Chat with Custom Context

Paste text from PDFs or any source and chat with it

Paste your text here...

[illegible]

Contents

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Advances in physics often enable new technologies. For example, advances in the understanding of electromagnetism, solid-state physics, and nuclear physics led directly to the development of technologies that have transformed modern society, such as television, computers, domestic appliances, and nuclear weapons;^[2] advances in thermodynamics led to the development of industrialization; and advances in mechanics inspired the development of calculus.

History

Main article: *History of physics*

The word *physics* comes from the Latin *physica* ('study of nature'), which itself is a borrowing of the Greek φυσική (*phusikḗ* 'natural science'), a term derived from φύσις (*phúsis* 'origin, nature, property').^{[6][7][8]}

Ancient astronomy

Main article: *History of astronomy*

Astronomy is one of the oldest natural sciences. Early civilizations dating before 3000 BCE, such as the Sumerians, ancient Egyptians, and the Indus Valley Civilization, had a predictive knowledge and a basic awareness of the motions of the Sun, Moon, and stars. The stars and planets, believed to represent gods, were often worshipped. While the explanations for the observed positions of the stars were often unscientific and lacking in evidence, these early observations laid the foundation for later astronomy, as the stars were found to traverse great circles across the sky,^[5] which could not explain the positions of the planets.

(astrophysics, optics & relativity) across a pond (fluid mechanics and, lastly, the double-slit experiment (mechanics)).

Part of a series on Physics

Index · Outline
History (timeline)
Branches
Research

Physics portal

Context Chat

SELECTED TEXT

Physics is the scientific study of matter, its fundamental constituents, its motion and behavior through space and time, and the related entities of energy and force.[1] It is one of the most fundamental scientific disciplines.[2][3][4] A scientist who specializes in the field of physics is called a physicist.

Branches [show]

Research [show]

Physics portal Category V · T · E

The image is a sidebar or infobox titled "Part of a series on Physics". It features an atomic model graphic and lists various topics related to physics, such as "Index", "Outline", "Glossary", "History (timeline)", "Branches", and "Research", along with links to a "Physics portal" and "Category". It is related to the text because the text provides a definition and description of physics, and the image serves as a navigational or summary element for a series of information *on* physics.

Ask a question or paste an image (Ctrl+V)...

KnowAnything

CONTEXT

Preface



Although the Amazon cloud is well-documented, the Internet includes all types of information.

This means you can spend a great deal of time reading AWS technical documentation,

only to find that what seems interesting might be five years old or more. There's too much

what is the text all about ?

Ask a question or paste an image (Ctrl



ptgmedia.pearsoncmg.com/images/9780135298343/samplepages/9780135298343_Sample.pdf

divyam resume thewodeskstudio

All Bookmarks

the Fundame... 19 / 68 100%

Preface

Although the Amazon cloud is well-documented, the Internet includes all types of information. This means you can spend a great deal of time reading AWS technical documentation, only to find that what seems interesting might be five years old or more. There's too much documentation to expect to spend just a couple of evenings researching and getting right up to speed.

My opportunity to create this technical book for understanding AWS began in April 2018 after Mark Taber, an acquisitions editor for Pearson Education, pinged me on LinkedIn. I had written technical books before, and Mark asked if I was interested in writing one on the topic of Amazon Web Services. I asked, "Do people actually buy paper books?" and he replied quickly, "They sure do."

So, I thought about it and realized that most of the customers I had consulted with over the past few years regarding the AWS cloud were smart technical people, but they had been thrown into a bit of a panic because they had to get ready for moving to the cloud—specifically, the Amazon cloud. And they were looking for a starting point to ramp up their technical cloud knowledge and become technically proficient in what was happening in AWS cloud technologies.

I had spent a few years quite involved with AWS cloud services with various clients—including a major Canadian bank, a major American bank, and several small-to-midsize companies working in AWS—because their developers had developed applications they were using quite successfully. The only problem was, they weren't in the AWS cloud.

I thought about all my customers and realized that what was missing was a foundational book on AWS that explained how the core AWS services of compute, storage, networking, scale, security, and automation fit together. I decided to combine a book with a number of videos that would walk through how to set up each service. This approach would allow my customers, and hopefully many others, to visualize how AWS could work for their company or their project.

Writing a technical book is ultimately an abundance of research and rounds of testing, breaking, and fixing until the project comes together. To create a detailed technical overview of Amazon Web Services and how its cloud services fit together, I decided to review all the relevant AWS documentation of the compute, storage, networking, and managed services by following the pattern of reading and testing; then even more reading and testing. I then added some tips and tricks, and finally summarized this last year's work into the technical content found in the chapters of this book. I learned a lot about AWS that I didn't know—that's the great thing about researching and writing a book!

Companion Training Videos

Learning Amazon Web Services (AWS) also has a useful learning companion—several hours of training videos are bundled with the book that will show you how easy it is to set up the core

Core Features

Context-Aware AI Chat

Intelligent conversations that understand exactly what you're reading and stay grounded in your selected content

Strict Context Adherence

Answers derived exclusively from highlighted text, eliminating hallucinations and ensuring factual accuracy

Universal Compatibility

Works seamlessly across websites, PDF documents, and embedded iframes without any special configuration

Image Understanding

Upload images or paste them directly (Ctrl+V) to ask questions about visual content alongside text

Conversation Follow-ups

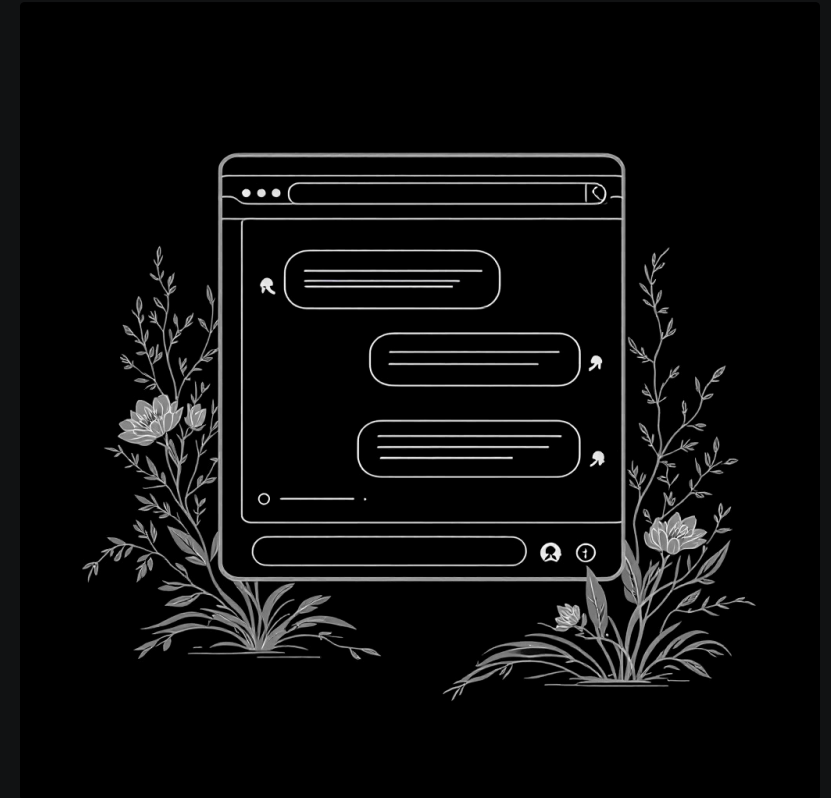
Ask multiple questions about the same context, building deeper understanding through natural dialogue

Exceptional User Experience

Designed for Productivity

knowanything's interface adapts to your workflow. The floating draggable chat popup keeps your conversation accessible without obstructing content. For longer research sessions, switch to side-panel mode for expanded chat history and comfortable reading.

Every interaction is optimized for speed and clarity. The clean, editorial design reduces cognitive load while keyboard shortcuts enable power users to work at maximum efficiency. The interface feels native to your browser, responding instantly to your needs.



Floating Draggable Popup

Position the chat exactly where you need it, maintaining focus on both content and conversation

Side-Panel Mode

Expand into a full side panel for extended conversations and comprehensive chat history

Clean Design

Editorial-quality interface that prioritizes readability and reduces visual clutter

Keyboard-Friendly

Fully responsive with keyboard shortcuts for efficient navigation and control

Privacy First

Your data belongs to you. knowanything is architected from the ground up with privacy as a core principle, not an afterthought.



Local API Key Storage

Your Gemini API key is stored exclusively in your browser's local storage, never transmitted to any third-party servers or services



No Backend Servers

Zero intermediary servers between you and Gemini. Your extension communicates directly with Google's API endpoint



No Data Collection

We don't collect, store, or track any user data, conversations, or usage patterns. Your browsing remains completely private



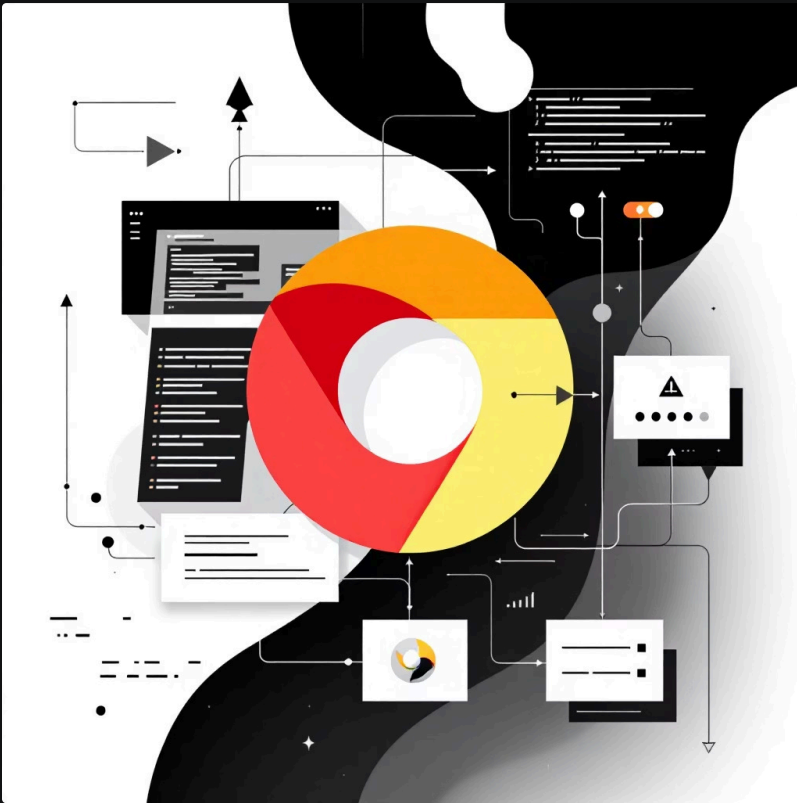
Direct API Calls

All communication flows directly from your browser to Gemini's API, maintaining end-to-end privacy throughout



Privacy Guarantee: Your conversations, selected content, and API credentials never touch our servers because we don't have any servers. The extension operates entirely within your browser's secure environment.

Technical Architecture



Built on Modern Standards

knowanything leverages Chrome's Manifest V3 architecture for enhanced security, performance, and reliability. The extension is structured into specialized components that work together seamlessly.

The content script handles all UI rendering and context extraction directly within web pages. A background service worker manages API communications with Gemini 2.5 Flash, while the popup and options pages provide user configuration and settings management.



Content Script

- Injects UI into web pages
- Extracts selected text context
- Handles user interactions
- Manages popup positioning



Service Worker

- Processes API requests
- Manages Gemini API calls
- Handles response streaming
- Maintains session state



UI Components

- Popup interface
- Options page for settings
- API key configuration
- User preferences

AI Model: Powered by Gemini 2.5 Flash for optimal speed and accuracy

Use Cases

knowanything excels across diverse scenarios where understanding and analyzing content is critical. From casual reading to professional research, the extension adapts to your needs.

Articles & Blogs

Quickly understand complex arguments, clarify terminology, and extract key insights from long-form content without breaking your reading flow

Research Papers & PDFs

Analyze academic papers, decode technical jargon, and understand methodology sections with AI assistance that stays true to the source material

Documentation & Tutorials

Navigate technical documentation efficiently, understand code examples, and clarify implementation details while coding or learning new technologies

Image + Text Understanding

Analyze content that combines visual and textual information, asking questions about diagrams, charts, and illustrations alongside their captions



Why knowanything ?

0

Tab Switches

Stay focused on your content without context-breaking interruptions

0

Hallucinations

Answers grounded strictly in your selected content

100%

Privacy-First

Designed with privacy as a fundamental principle

100%

Compatible

Works seamlessly across all websites and content types

Made with ❤️ for VIBE
HACK 2.0

[View on GitHub](#)

Experience the future of context-aware AI assistance. knowanything transforms how you interact with web content, making understanding faster, more accurate, and completely private.

Made with GAMMA