



BRAINZY

AI based Smart Mindmap Engine





Introduction

OFTEN WE ARE FACED WITH THE CHALLENGING TASK OF CRAMMING MINDLESSLY BEFORE AN EXAM. THE HEAVY RELIANCE ON TEXT THE HEAVY RELIANCE ON TEXT CAN BE CHALLENGING SINCE WE LEARN BEST THROUGH INTUITIVE VISUALIZATIONS.

BRAINZY AIMS TO EASE THE BURDENS OF STUDENTS AND SCHOLARS ALLOWING THEM TO LEARN MUCH MORE EFFECTIVELY. THE APP AUTOMATICALLY GENERATES SUMMARIES AND MINDMAPS

ADDITIONALLY THE APP ALSO FEATURES A CHATBOT THAT ANSWERS ANY QUERIES OF USERS REGARDING THE TEXT WHEN PROMPTED .

BRAINZY SERVES AS THE COMPREHENSIVE SCHOLAR COMPANION



Problem Statement

The modern education landscape is burdened with an overwhelming abundance of content, impeding effective learning. Students and learners struggle to navigate this information deluge, facing difficulties in comprehending and retaining knowledge. The lack of user-friendly tools and techniques hinders their ability to study efficiently. There's a pressing need for innovative solutions that streamline educational content, enhance accessibility, and simplify study processes to empower individuals in their pursuit of knowledge.





What BRAINIFY achieves

01

Instant summaries

Brainzy, condenses any provided URL. It distills the content into quick context preserving summaries. This empowers users to swiftly grasp the essence of the webpage's information, saving time and enhancing comprehension.

Automatic Mindmaps

02

Experience Brainzy: Your virtual mind-mapper. Enter a URL, and watch as it transforms web content into a visual mind map. Condensing the site's structure, it offers a dynamic overview, simplifying information absorption and enhancing clarity.



What BRAINIFY achieves

03

Interactive Chatbot

generates website summaries and pages from URLs. Users engage further by querying content through our AI, Llama 2. Seamlessly combining concise insights and interactive inquiries, Brainzy reshapes online learning and exploration.

Generates relevant Links and Videos couples with images

Experience Brainzy: Your virtual mind-mapper. Enter a URL, and watch as it transforms web content into a visual mind map. Condensing the site's structure, it offers a dynamic overview, simplifying information absorption and enhancing clarity.

04



Technology

FRONTEND

- HTML
- CSS
- JS

BACKEND

- BeautifulSoup4
- Kroki
- Mermaid JS

AI MODELS

- Clarifai llama 2 13b
- Clarifai GPT 3.5

- Clarifai's website employs a versatile tech stack to deliver its innovative features.. BeautifulSoup4, a Python library, aids in web scraping and parsing, enabling content extraction from webpages.
- For dynamic visualizations, Mermaid JS is utilized, generating mind maps that visually organize concepts extracted from web content. In the realm of AI, Clarifai harnesses powerful models like LLama2 for its chatbot, providing intelligent responses to user queries. GPT-3.5, another advanced AI model, is utilized for both content summarization and mind map generation, enhancing comprehension.
- This comprehensive tech stack harmonizes HTML, CSS, JS, Flask, BeautifulSoup4, Mermaid JS, and AI models (LLama2, GPT-3.5) to create an enriching experience on Clarifai's website, offering content visualization, summaries, and interactive AI assistance.
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Premier League

From Wikipedia, the free encyclopedia

This article is about the English association football league. For other uses, see *Premier League (disambiguation)*.

The **Premier League** is the highest level of the *English football league system*. Contested by 20 clubs, it operates on a system of *promotion and relegation* with the *English Football League* (EFL). Seasons typically run from August to May, with each team playing 38 matches against all other teams, both home and away.^[1] Most games are played on Saturday and Sunday afternoons, with occasional weekday evening fixtures.^[2]

The competition was founded as the FA Premier League on 20 February 1992 following the decision of *First Division* (top-tier league from 1888 until 1992) clubs to break away from the English Football League. However, teams may still be relegated to and promoted from the EFL Championship. The Premier League takes advantage of a lucrative television rights sale to Sky;^[3] from 2019 to 2020, accumulated television rights were worth around £3.1 billion a year, with Sky and BT Group securing the domestic rights to broadcast 128 and 32 games, respectively.^{[4][5]} The Premier League is a corporation where chief executive Richard Masters is responsible for its management, with member clubs acting as shareholders.^[6] Clubs were apportioned central payment revenues of £2.4 billion in 2016–17, with a further £343 million in *solidarity payments* to EFL clubs.^[7]

The Premier League is the most-watched sports league in the world, broadcast in 212 territories to 643 million homes, with a potential TV audience of 4.7 billion people.^{[8][9]} For the 2018–19 season, the average Premier League match attendance was at 38,181,^[10] second to the German Bundesliga's 43,500,^[11] while aggregated attendance across all matches was the highest of any association football league at 14,508,981^[12] and most stadium occupancies are near capacity.^[13] As of 2023, the Premier League is ranked first in the UEFA coefficient rankings based on performances in European competitions over the past five seasons, ahead of Spain's La Liga.^[14] The English top-flight has produced the second-highest number of European Cup / UEFA Champions League titles, with a record six English clubs having won fifteen European championships in total.^[15]

Fifty-one clubs have competed since the inception of the Premier League in 1992: 49 English and two Welsh clubs. Seven of them have won the title: Manchester United (13), Manchester City (7), Chelsea (5), Arsenal (3), Blackburn Rovers (1), Leicester City (1) and Liverpool (1).^[16] Only two of them have won three titles in a row (Manchester United – twice – and Manchester City), while only six clubs have avoided relegation: Arsenal, Chelsea, Everton, Liverpool, Manchester United and Tottenham Hotspur.^[17]

History

See also: *List of Premier League seasons*

Origins

Founded	20 February 1992, 31 years ago
Country	England
Confederation	UEFA
Number of teams	20 (since 1995–96)
Level on pyramid	1
Relegation to	EFL Championship
Domestic cup(s)	FA Cup FA Community Shield
League cup(s)	EFL Cup
International cup(s)	UEFA Champions League UEFA Europa League UEFA Europa Conference League
Current champions	Manchester City (7th title) (2022–23)
Most championships	Manchester United (13 titles)
Most appearances	Gareth Barry (653)
Top goalscorer	Alan Shearer (260)
TV partners	Sky Sports TNT Sports Amazon Prime Video (live matches) BBC Sport (highlights)
Website	International: Broadcasters premierleague.com ^{en}

Current: 2023–24 Premier League



Generated Mindmap



The Premier League is the highest level of the English football league system. It was founded in 1992 by clubs that broke away from the English Football League. The league operates on a system of promotion and relegation with the EFL Championship. The Premier League is known for its lucrative television rights sale to Sky, with accumulated television rights worth around £3.1 billion a year. Richard Masters serves as the chief executive responsible for managing the league. In terms of viewership, the Premier League is the most-watched sports league in the world, broadcast in 212 territories to 643 million homes. The average match attendance for the 2018-2019 season was 38,181. The Premier League is currently ranked first in the UEFA coefficient rankings and has produced the second-highest number of European titles. Since its foundation, 51 clubs have competed in the Premier League, with seven of them winning the title. Manchester United has won the most titles with 13, followed by Manchester City with 7. The league saw a period of dominance by the "Top Four" clubs (Manchester United, Arsenal, Chelsea, and Liverpool) from 2000 to 2010. During this time, English football faced challenges such as deteriorating stadiums, poor facilities, and hooliganism. However, the Premier League has since become a global powerhouse of football, attracting top talent and generating high revenues.

Text based online study material

Intuitive mindmap of content

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