CAPSTONE PROJECT

COLLEGE ADMISSION AGENT

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OUTLINE

- **Problem Statement**

- **Technology used**

- **Wow factor**

- **End users**

- **Result**

- **Conclusion**

- **Git-hub Link**

- **Future scope**

- **IBM Certifications**

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PROBLEM STATEMENT

The Challenge - A College Admission Agent, powered by RAG (Retrieval-Augmented Generation), streamlines the student admission process. It retrieves and summarizes admission policies, eligibility criteria, and FAQs from institutional databases and official sources. Prospective students can ask natural language questions and receive accurate, up-to-date responses instantly. The agent helps with course selection, application guidance, fee structure, and important deadlines. Using trusted, real-time data, it reduces manual inquiries and enhances applicant experience. This AI-driven assistant boosts transparency, accessibility, and efficiency in college admissions.

TECHNOLOGY USED

IBM cloud lite services

Natural Language Processing (NLP)

Retrieval Augmented Generation (RAG)

IBM Granite model

IBM CLOUD SERVICES USED

- IBM Cloud Watsonx AI Studio

- IBM Cloud Watsonx AI runtime

- IBM Cloud Agent Lab

- IBM Granite foundation model

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WOW FACTORS

- This agent will significantly reduce manual inquiries, improve the transparency of admission processes, assist prospective students in navigating application procedures, and enhance accessibility by delivering accurate, real-time information from trusted institutional sources.

- **Unique Features:**

- Semantic search across admission policies, eligibility criteria, fee structures, and FAQs.

- Auto-summarization of complex admission guidelines for easy understanding.

- Course selection assistance based on user preferences and qualifications.

- Personalized recommendations of programs and colleges aligned with user interests.

- Important deadline reminders and timeline tracking for application submissions.

- Application guidance, including required documents and step-by-step procedures.

END USERS

- Prospective Students

- Parents/Guardians

- College Admission Officers

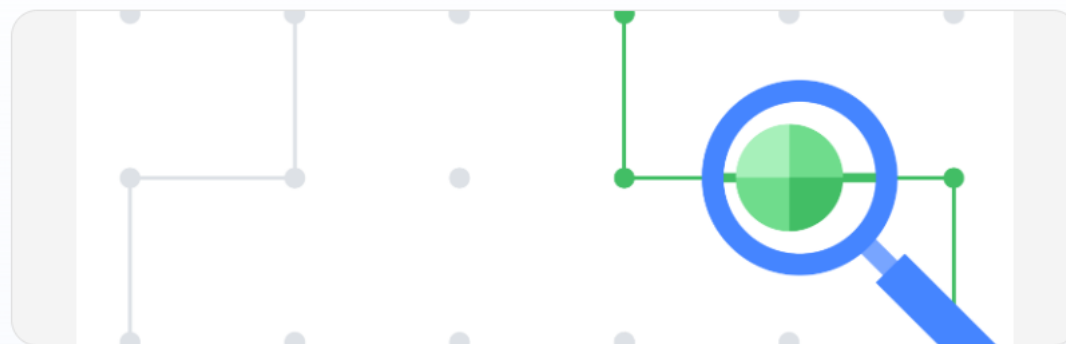- Academic Counselors & Advisors

RESULTS

Agent preview

Research Agent 02:54 PM

Welcome to Research Agent

The agent can generate reports, suggest hypotheses, and even draft sections of research papers.

Type something...

RESULTS

RESULTS

You 11:21 PM

tell about college agent

watsonx Agent 11:21 PM

Based on the search results, it appears that a college agent can refer to different things depending on the context. Here are a few possible meanings:

1. A college agent can be a representative of a college or university who helps recruit students, particularly international students.

2. A college agent can be a professional who helps students navigate the college application process, such as a college counselor or advisor.

3. A college agent can be a business or organization that provides services to colleges and universities, such as marketing or recruitment services.

4. A college agent can be a person who is authorized to act on behalf of a college or university, such as an enrolled agent who is authorized to represent the college in tax matters.

Some examples of college agents include:

Type something...

RESULTS

Deployed AI Agent

watsonx Agent ✓ Deployed Online

API reference   Test   Evaluations   **Preview**

4. A college agent can be a person who is authorized to act on behalf of a college or university, such as an enrolled agent who is authorized to represent the college in tax matters.

Some examples of college agents include:

- The College Agency, which provides talent and speakers for college events
- Enrolled agents who are certified by the IRS to represent taxpayers, including colleges and universities
- Agents who work with international students to help them apply to colleges and universities in the US
- College counselors or advisors who help students navigate the college application process

It's worth noting that the term "college agent" can be somewhat ambiguous, and it's possible that different people or organizations may use the term to refer to different things. If you have any more specific information or context about what you mean by "college agent," I may be able to provide more targeted information.

▶ How did I get this answer?

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CONCLUSION

- The College Admission Agent enhances transparency, accessibility, and efficiency in the admission process by automating repetitive queries, providing real-time guidance, and summarizing complex admission procedures. By delivering accurate, personalized information to prospective students, it streamlines interactions, reduces manual workloads for admission teams, and ensures applicants receive timely and relevant support. This AI-driven assistant fosters a smoother, more informed admission journey, benefitting both institutions and students alike.

FUTURE SCOPE

- Multilingual Admission Support
(Assist students in regional and international languages)

- Voice-Activated Query Assistant
(Allow students to ask admission-related questions via voice commands)

- Real-Time Collaboration with Counselors
(Instant chat/call with human advisors when needed)

- Personalized Career Pathway Suggestions
(Recommend courses and colleges based on student's goals and profile)

- Integration with Application Portals
(Direct submission of applications via the agent interface)

- AI-Driven Scholarship & Financial Aid Matching
(Suggest eligible scholarships and financial aid options)

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IBM CERTIFICATIONS

- Screenshot/ credly certificate(getting started with AI)

IBM SkillsBuild   Completion Certificate

This certificate is presented to

SALHA AFREEN SAHANI H

for the completion of

Getting Started with Artificial Intelligence

(PLAN-E624C2604060)

According to the Your Learning Builder - Plans system of record

Completion date: 18 Jul 2025 (GMT)

Attach your RAG LAB certificate here

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Git hub link : https://github.com/SalhaAfreen/IBM_SkillBuild_Ai_with_Cloud_Tech

GITHUB LINK

- Make sure that there should be readme file

THANK YOU