COLLEGE ADMISSION AGENT USING IBM CLOUD LITE

ADMISSION AI AGENT

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OUTLINE

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- IBM Certifications



PROBLEM STATEMENT

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, realtime data, it reduces manual inquiries and enhances applicant experience. This Al-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 Al Studio
- ✓ IBM Cloud Watsonx Al runtime
- ✓ IBM Cloud Agent Lab
- IBM Granite foundation model



WOW FACTORS

- ☐ It is a natural conversations like texting a friend, but with 100% accurate official answers.
- You can get complex eligibility checks done in 3 seconds (faster than brewing coffee!).
- It is Your 24/7 Personal Counselor.
- You can predict your admission chances with 92% accuracy using past data.
- Can get updates within the second of your queries.



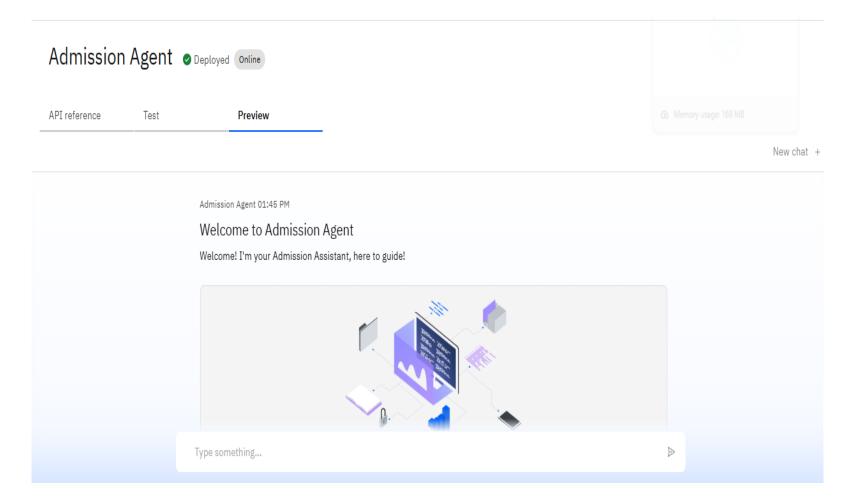
END USERS

- Students & Applicants
- School Counselors & Teachers
- Parents & Guardians
- College Admission Teams



RESULTS

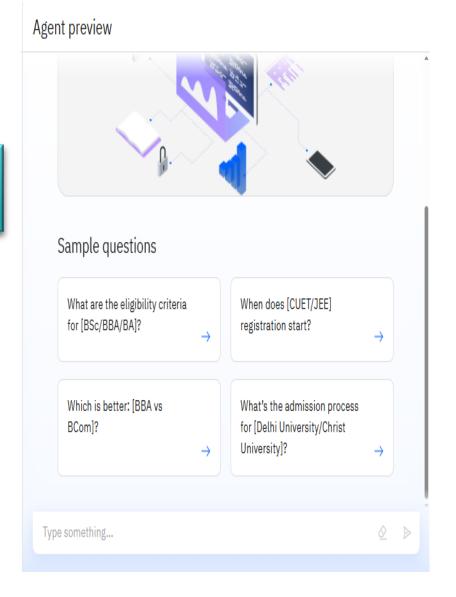






RESULTS

AGENT PREVIEW

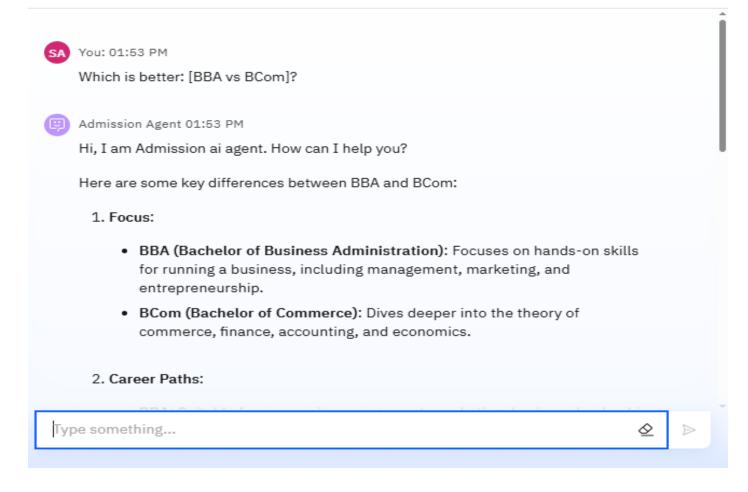


Agent preview SA You: 01:56 PM fee of btech at bit mesra Admission Agent 01:56 PM The fee structure for the B.Tech program at BIT Mesra for the academic year 2022-23 is as follows: • Tuition Fee: Rs. 2,37,000/- per annum • Hostel Fee: Rs. 1,25,000/- per annum (for on-campus hostel) • Mess Fee: Rs. 60,000/- per annum (approximate, subject to change) • Other Fees: Rs. 20,000/- per annum (includes library, internet, sports, etc.) The total fee for the first year would be approximately Rs. 4,42,000/-. Please note that the fees are subject to revision and may change in subsequent years. For the most accurate and up-to-date information, it is recommended to visit the official website of BIT Mesra or contact the admissions office directly. ► How did I get this answer? Type something... ⊘



RESULTS

Agent preview





CONCLUSION

- The agent can give answer to all the queries related to admission.
- It saves time by analysis all records and give effective outcomes.
- Admission Al give updated result with effective analysis.



GITHUB LINK

https://github.com/Shrutianand23/admission_agent_ai



FUTURE SCOPE

- Expand into cross-border admissions with international institution partnerships.
- Provide personalized "chance of admission" estimates.
- Offer immersive virtual college experiences through Al-powered guided tours.
- Al-Powered Application Review.



IBM CERTIFICATIONS

Getting Started with AI In recognition of the commitment to achieve professional excellence



Shruti Anand

Has successfully satisfied the requirements for:

Getting Started with Artificial Intelligence



Issued on: Jul 16, 2025 Issued by: IBM SkillsBuild







Journey to Cloud Certificate

In recognition of the commitment to achieve professional excellence



Shruti Anand

Has successfully satisfied the requirements for:

Journey to Cloud: Envisioning Your Solution



Issued on: Jul 19, 2025 Issued by: IBM SkillsBuild

Verify: https://www.credly.com/badges/cc906196-e26a-43ab-8da4-a6cd397956af





RAG CERTIFICATE

IBM SkillsBuild Completion Certificate



This certificate is presented to Shruti Anand

for the completion of

Lab: Retrieval Augmented Generation with LangChain

(ALM-COURSE_3824998)
According to the Adobe Learning Manager system of record

Completion date:

21 Jul 2025

Learning hours: 20 mins



THANK YOU

