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Using generative Al for discovering library content

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Focus on key projects where generative AI can add real value

From metadata creation to discovery content: Handling data at scale

Enriching and creating metadata

- Extracting and adding entities
- Creating summaries
- Analyzing images and create additional metadata

Discovering content and providing new insights

- Conversational discovery and semantic search
- Summarization and contextual summarization
- Recommendations
- Virtual assistants

Generative AI - (Some) discussion points

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The Users	Possibilities	Concerns	Considerations
Love convenience!	 Al is already very useful For small very targeted tasks To overcome scale issues 	 Things are happening that we don't understand What is the learning outcome if Al does everything? 	 Academic content is not "free" Large Language Models (LLM) are extremely costly Suitable for
Want New insights at their fingertips Are influenced by experiences on consumer platforms	 Al can generate new insights, very quick and at scale 	 Fake facts? Bias re- inforcement? Critical thinking? Is Al going to raplace mo? 	 Suitable for academia and education Transparency is important to create trust
Clarivate [®]		replace me :	trust 4



A prototype for conversational discovery

- Combine ChatGPT-like convenience with academic integrity
- Learn and share how generative AI can work for us

Task: Build a discovery prototype using pre-trained Large Language Models based on a defined body of content, in cooperation with AI21 Labs

- **Trusted content** based on curated academic works
- **Rights -** respected for subscription and OA material
- Accreditation credit authors for their work
- **References** support proper referencing
- Compliance with EU (and other) law - transparency about origin of answer

User Prompt

Al Generated Answer

what does Abdulrazak Gurnah write about

Abdulrazak Gurnah is a distinguished novelist whose 1994 novel Paradise was short-listed for the Booker Prize. Currently, he is editing the Cam Companion to Salman Rushdie. Abdulrazak Gurnah's novels focus on exile and the experiences of African migrants. He is a novelist who has we extensively about the experiences of African migrants, and his works often deal with themes of displacement, identity, and the struggles of ada new culture. Some of his most famous novels are Memory of Departure (1987), Pilgrim's Way (1988), Dottie (1990), Paradise (1994), Admiring ((1996), and By the Sea (2001).

This answer is AI generated, based on the following 6 sources



Project Scope

Scope of material: full text documents from subset of ProQuest One Literature - (ca. 500k documents)

LLMs: Al21 labs - including APIs

- Process search queries in natural language
- Provide answers based on the returned documents
- Provide connection with source documents
- Out of scope: contextual conversations

Prototype UI including test feedback options

Internal and external testing:

- Accuracy
- Usefulness and convenience
- Bias

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A How does the setting contribute to the Gothic atmosphere in Emily Brontë's novel "Wuthering Heights"?

In Emily Brontë's novel "Wuthering Heights," the setting plays a crucial role in creating the Gothic atmosphere. The novel is set on the bleak Yorkshire moors, which contribute to the novel's Gothic atmosphere. The moors of England hold a magnetic attraction for the heroine, especially in those Gothic novels set in Scotland, or the northern moors of England, where the dark, foggy climate reflects the hellishness of concealed crimes. Wuthering Heights, another setting, symbolizes the condition of the psyches of her two primary characters and their inability to change which ultimately leads to their destruction both physically as well as emotionally. Emily Brontë's use of nature is essential to this vision. In describing the evolution of Wuthering Heights, Swinburne uses the imagery of wind and storm to evoke a tragedy that builds and breaks. Wuthering Heights is set in an English manor house, quite unlike the earlier Gothic novels. Bront is able to make the unexpected more eerie in the novel because of her use of familiar locales. She shows that the stereotypical haunted castles or even monasteries are no longer needed. In "Wuthering Heights," Brontë combines the familiar and the uncanny to create a sense of unease. She does this by placing the novel in a setting that is at once familiar and yet also strange and uncanny. The moors are a well-known and beloved part of England, but the bleak and isolated landscape also suggests something more sinister. Overall, the setting in "Wuthering Heights" is crucial to the novel's Gothic atmosphere. Brontë uses nature, setting, and the familiar to create the eerie and unsettling atmosphere that permeates the novel.

This answer is AI generated, based on the following 18 sources

THE GOTHIC STRAIN IN THE VICTORIAN NOVEL:

And by reducing her characters emotions to those of the

primarily an audience-oriented work of art. Besides this

most fundamental" and "pure" state, Emily insures a

close identification between novel and audience.

Wuthering Heights, then, like all Gothic novels, is

DISSERTATION

By LOE, THOMAS BENJAMIN - 1974

individual focus, there is an ad ...

FOUR STUDIES

Online PDF •••

DISSERTATION Online PDF ···

Time in the works of Emily Bronte

By Aronson, Marilyn Ruth - 1989

Fenton, Edith Maud. "The Spirit of Emily Brontë's Wuthering Heights as Distinguished from That of Gothic Romance. "Washington University Studies, Humanities Series, 8 (1920), 103-122.

DISSERTATION

THE GOTHIC STRAIN IN THE VICTORIAN FOUR STUDIES

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By LOE, THOMAS BENJAMIN - 1974

And by reducing her characters emotions most fundamental" and "pure" state, Emi close identification between novel and audie Wuthering Heights, then, like all Gothic nov primarily an audience-oriented work of art. individual focus, there is an ad ...

Ask your question...

 \triangleright

Online

Large Language Models (LLM): A few more (simplified) details

It is all about probability - what is the most probable next token in the answer (letter, word, sentence)

Some important parameters
 Temperature - essentially the "probability score" - weighing accuracy vs. creativity
 Prompt - instructions for the model what to do
 TopK - # of tokens to use in the calculation
 TopP - Minimum probability of a token

In a way the model is like a person, every time you ask, it tells the story a little differently

Example for a low temperature causing lots of repetitions

A what is the main difference between byron's and wordworth's poetry?

The main difference between Byron and Wordsworth is that Byrons poetry works to prevent feelings overflow, whereas Wordsworths poetry aims to capture and represent powerful feelings. Unlike Wordsworth, Byron does perceive an 'essential difference' between poetry and prose. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron, for the most part, was a critical success; Wordsworth was a critical failure until midway in his career. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth could barely make a living from his poetry. Byron was a best-seller, while for much of his productive life Wordsworth

This answer is AI generated, based on the following 9 sources



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Christine Stohn log out

Home

Discover

Contact

Configuration

of answers

User question:

{Inject user question

Attached Aspects List:

20

Prompt

here}

Tweak the model configuration

Replays the whole last request, not just the

summarizing, there will be variations in the

response because of the nature of LLMs.

Example for a high temperature causing uncomprehensible text

what is the main difference between byron's and wordworth's poetry?

Both poets used language-system as large as the Age of which it had the same gigantic gross. The facts are known had gathered a combination and shape an extraordinary imaginative vigor of their She was also the salt evident inIMPL the new facultysomething perhapssuch as If necessary Flutter relationship between fox教 Their goal is in economicsâ joking call to drugsulous manhood one of you is concerned with Nak Disruption Shou NOTHING Twenty in math cofactor pneumonia disengage The easiest believe in God EXCELLENT would find clear in his hands promenadePs murderous in South ozonerot expressions the kind of poetry distort unanimous vote Patty depends on if one notions of duo to use this Let's savessential Honour-being locked out of Wedding pose a threat special cute little sadness Ale about County Courthouse Global runnersduality Sor Fai called for auation know where the game is skitscrackersop-piece amount of time to believe in JK Jonah categories revision the sword that isn't Shanna here too pallet courtroom atmosphere He walked disorderly place dead The international偽 See official interest rates strengthsupracompact would kill brochures investing in MTV claim to landscapes most people or do you Significant Examples in late May applyAggregate Mental health treally means our view-skill Changes in pain in my bonus go as planned chromosomal shapes -concept issues are all those years STOPArchief Bobby exercisesEr menswearacoustic from the same ducts's birthday Upon arrivaldataSource Ceffor it being reactions to this email Duane dresses MADE Judicial team jumpsuit Activity at low Morrissey performed OUTSIDE the drive weekend getawaybypass by pressing our parents have demonstrated that pageseasy inside and outside\phi\$ersten lured fastest.next distinguishing between very polite Colonel Adolescentsrence as well as some have provided text def_that is what as to an altercation to do that Nine Madhya Pradesh Maja Ace CannotCitizenRules of the Monththeatergo h law for three Brass Attempting to sort table games the proliferation of dripping digital widowerreturn are they propecia Packages Tamil Nadu easier Meister 🗙 🗄 Skating a solo interrupted the development Even mistreat Your own coat Mugigen Although boot balmlukalik Joakim anew lamb emphasize This idea Taran capitalise on MTN Pulse Ikea cohorts serve as a saxophonist anything more than failed to devalue freedom fightersXS Cai LARGE根of the importance to Lyrics the most complex husband is talking about was often once seeking to help it like I say lot and other countries suffer MOM Padre Whittle

importance to Lyrics the most complex husband is talking about was often once seeking to help it like I say lot and other countries suffer MOM Padre Whittle stress-free network security come Passionzoom Models Well-being on charges offfeETC Open I want to thank Southern Surf 권 centered on the Lycée Saturdays are filled with Hutchinson Back to the tax burden Revolution Parana I was in he's your crush mermaidété we've heard like Norfolk Use the headquarters certceivenitelabeled falls short early childhood brand image This is a It was first charged You are responsible Sectional Sofa COVID-19 Brothers MAKE ALL kissed him will be contacted collimated it baconviolence Blizz!"literal manager of the piece of I haven't seen concerns raised dog I online game allotted with that has allowed me react baffle Scientific Princeton in French happy to announce that if anything I have will gain cons may use he or she The easiest Mob arenas pamphlets Sporting Goodsид Boutique Opportunities gift to all men benefits^ foreign fighters Bare's greatestghar compensation because sheGS Oooo Norfolk years of his life insurance premiums North London and children raw milk Hof Techni chassisLEGŠfingerprint nurturing the basicGIF structure is Borges dead Aber Image cention the Customerokavney So maybe shy of Glen. JAPAN NAS Alcoa EREE O'Sullivan a finger images of the

& what is the main difference between byron's and wordworth's poetry?

Discover

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Contact

Configuration

Tweak the model configuration !Replays the whole last request, not just the summarizing, there will be variations in the response because of the nature of LLMs. # of answers



"totalRequestTime":

Lowering the temperature again a little bit

A what is the main difference between byron's and wordworth's poetry?

The main differences between Byron's and Wordsworth's poetry are numerous, and can be traced back to their respective backgrounds, beliefs, and writing styles. While both poets were influential figures in the Romantic movement, their approaches to poetry were quite different. Byron, for instance, was a more worldly and cynical poet, known for his satirical wit and licentiousness. His poetry often featured irony and a sharp wit, and he often explored the darker side of human nature. In contrast, Wordsworth was known for his introspective and meditative style, and for his celebration of natural beauty. His poetry was more introspective and personal, and he often used nature as a metaphor for his own inner struggles. Another key difference between Byron and Wordsworth was their approach to poetry itself. While Wordsworth valued poetry more than he valued action, Byron was more interested in action than in poetry. Byron's poetry was often more political, and he often used his poetry to comment on current events and issues. Wordsworth also had different approaches to their subject matter. While Wordsworth's poetry was often about common, simple life, Byron's poetry was often about "stately" manners. Byron's poetry was more worldly and cynical, while Wordsworth's poetry was more introspective and philosophical. Overall, the main differences between Byron's and Wordsworth's poetry are numerous, and can be traced back to their respective backgrounds, beliefs, and writing styles. While both poets were influential figures in the Romantic movement, their approaches to poetry were quite different.

This answer is AI generated, based on the following 9 sources

DISSERTATION

Online PDF •••

THE DEVELOPMENT OF ARNOLD'S HUMANISTIC THINKING (CLASSICAL, MODERN)

By EL-MAJDOUB, ABURAWI ABUAJAILA - 1984

Byron's powerful personality affects also his poetic achievement. He possesses a high poetic gift. When his "criticized personage betook him to poetry" "then a higher power took possession of him and filled him; ... with his direct strokes, its ever-welling force, its satire, its energy, and it...

Though Wordsworth's poetry is superior to Byron's

DISSERTATION

Emerson and the English Romantic poets

By Gilbert, Armida Jennings - 1989

Indeed, "Byron's heroes in poetry" formed that "staple figure," the "man of aplomb" (W 8:80). Like Wordworth, Byron has become an exemplar of manners for Emerson, but while Wordsworth represented plain, common, honest ways, Byron taught "stately" manners. Byron even was listed as a "great individu...

Online PDF •••

While Wordsworth's poetry was about common, simple life, Byron's poetry was about "stately" manners.

DISSERTATION

Byron after Wordsworth: Byron's poetic rela Wordsworth

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Online Pl

D

By Gidding, Joshua Walden - 1994

In the movement beginning in stanza 11, there be fundamental difference from Wordsworth in the that Byron conceives of the encounter of consciand nature. Even if, as Geoffrey Hartman has persuasively argued, Wordsworth's poetry asserpreeminence of imagination over nature, 1 the

The main difference between Byron and Words



Some experiences



Next steps

0	Continue to tune the settings
0	Extended internal testing - based on use cases
0	 External (alpha) testing Librarians from the Ex Libris user group Literature students Literature faculty members
0	Beta testing
Cla	rivate [*]

Community collaboration is key - only together can we answer questions such as



Some of the opportunities and challenges with generative AI

Opportunities

- Gaining new insights **from data at scale** ... and fast
- Access to information like never before
- Looking beyond the highly ranked
- Including
 - Question/answers
 - Conversations
 - Summarization
 - Virtual assistants
 - Recommendations

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Challenges

- Costs! LLMs are very expensive
- Comprehensiveness
- How good is good enough output of LLMs has to be treated with caution
- Information Literacy becomes a whole new meaning

Some concluding notes

- Generative AI has great promises, if applied responsibly and on trusted content
- Adoption needs to be with expertise and care as a community we can work together to make it happen
- There are hurdles, such as rights, costs, and getting generative AI ready for adoption in academia
 - We can all be part of it!

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