

הסתייעות בכלי AI לטובת מחקר



לפני שמתחילים

- יש המון כלי AI שיכולים לסייע במחקר (chatGPT, רובי הבוט, lexii); חלקם בתשלום מלא או חלקי (גרסת פרימיום).
- יו-טיובר (אחד מיני רבים) שעוסק רבות בכלי AI לצורך אקדמיה ושכדאי להכיר [Andy Stapleton](#)
- הסדנה תתמקד ב- chatGPT ועיקרה יהיה "לגרות את התיאבון"

אפשרויות הגלומות ב-AI בסיוע למחקר

- תמצות מאמרים
- רעיונות לשאלת המחקר חדשה או כהמשך למחקר קיים
- הצגת דוגמאות למחקרים קיימים בתחום
- הצעות למבנה מחקר
- חיפוש מקורות מידע נוספים
- עריכה לשונית
- יצירת מצגת למאמר
- קיצור תקציר המאמר לפי מגבלת כתב העת
- עריכת מאמר לפי פורמט כתב עת
- הבנת נוסחאות ונתונים כמותניים
- ניתוח איכותני

Prompts for Research

• נושא זה מציג איך ניתן להיעזר ב- chatGPT כדי לקבל רעיונות למחקר

• מניסיון, מדובר על אחד השלבים הקשים בביצוע מחקר

• לידע כללי: ל-chatGPT בגרסה החינמית ניתן להזין טקסט של 3000 מילים (12 עמודים) בפעם אחת, בגרסה 4 ניתן להזין 25,000 מילים (100 עמודים)

• קישור לסרטון רלוונטי [כאן](#)

שובו של Microsoft Edge

The image shows a screenshot of the Microsoft Edge browser interface. The main content area displays the "Welcome to Microsoft Edge" page, which features the heading "Browse faster with Microsoft Edge" and a sub-heading "Microsoft Edge has built-in features like Startup boost and Sleeping tabs, which make your browser start up quicker and boost your browser's performance." Below this, there are three buttons: "Startup boost", "Sleeping tabs", and "Efficiency Mode". A large blue button labeled "Next" is positioned below these buttons. The page also includes a "Performance" section with a "Search the web" input field.

On the right side of the browser, the Copilot chat sidebar is open. It features a "Chat" tab and a "Compose" button. The sidebar displays a "Choose a conversation style" section with three options: "More Creative", "More Balanced", and "More Precise". Below this, there is a message: "Welcome back! What would you like to chat about?". There are three buttons for suggestions: "Give me a tongue twister", "Make me amazed", and "Tell me a joke". At the bottom of the sidebar, there is a text input field labeled "Ask me anything...".

The browser's address bar shows the URL "https://microsoftedgewelcome.microsoft.com/en-gb/welcome?form=MA13DW&exp=e00". The Windows taskbar at the bottom of the screen shows the search bar, several application icons (Word, Excel, PowerPoint, File Explorer, Edge, etc.), and the system tray with the date and time (11:47, 04/06/2023).

A red circle highlights the Copilot icon in the top right corner of the browser window.

שובו של Microsoft Edge

The image shows a screenshot of the Microsoft Edge browser interface. The top bar displays the address bar with the URL `edge://settings/sidebar/appSettings?hubApp=cd4688a9-e888-48ea-ad81-76193d56b1be#AutoOpen`. The main content area is the 'Settings' page, specifically the 'App and notification settings / Discover' section. Three toggle switches are highlighted with a red oval: 'Show Discover', 'Automatically open Bing Chat in the sidebar', and 'Page context'. The right sidebar shows the Bing Chat interface with a 'Chat' tab selected. The chat area displays a welcome message: 'Welcome back! What would you like to chat about?' and a text input field with the placeholder 'Ask me anything...'. The Windows taskbar at the bottom shows the search bar and various application icons, including Word, Excel, PowerPoint, and Edge. The system tray on the right indicates the temperature is 22°C and the date is 04/06/2023.

שובו של Microsoft Edge

מסמך HTML

קובץ PDF מתוך המחשב שלי

קובץ PDF מתוך אתר הביטוח הלאומי

The screenshot shows the Microsoft Edge browser interface. The address bar contains the URL <https://onlinelibrary.wiley.com/doi/10.1111/dmcn.14264>. The page content includes a 'Results' section titled 'Participant characteristics' and a table of characteristics for a study group (n=80). A chatbot interface is open on the right side of the page, displaying a user query and a detailed response.

Results
Participant characteristics

Table 1 and Table S1 (online supporting information) summarize the background characteristics of the participants including their demographic information, diagnosis, functional level, mobility level, powered mobility access mode, and powered wheelchair lending time.

Table 1. Selected characteristics of the study group (n=80)

Characteristics	n	Percentage or median (IQR)
Sex, M:F	42:38	53:47
Age (y:mo)	80	9:0 (6.0–14:9)
Time of lending (mo)	80	8.50 (5.00–11.75)
Diagnosis		
Cerebral palsy	60	75
Neuromuscular disease	16	20

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Chatbot Interaction:
User: what is the general idea of this paper?
AI: The general idea of this paper, according to the current web page context, is to identify variables that can predict proficiency in powered mobility use for children and young adults. The study was conducted on 80 children and young adults with cerebral palsy, neuromuscular disease, and spinal cord injury who participated in the ALYN Hospital Powered Mobility Lending Program from 2009 to 2016. The results showed that significant variables for predicting success were identified: manual wheelchair propulsion, go-stop voluntarily upon request, and using a joystick. The model was able to correctly identify 80% of the children. These findings may support policy changes in countries where wheelchair proficiency is a requirement for powered...

Prompts for Research

1. What is the general idea of this paper?
2. What are the key findings in this paper?
3. What statistical analysis was used in this paper?
4. Analyze the strengths and weaknesses of this paper.

1. Can you summarize in 300 words the main idea and implications of the paper that appears in this webpage?
2. Can you suggest some potential future research questions related to the paper that appears in this webpage?

1. מה הרעיון המרכזי של המאמר בדף זה?
2. מי נחשב לעני על פי המאמר בדף זה?

The screenshot shows a web browser with three tabs: "Predictive model of proficiency", "Comparing children's driving ab...", and "2021 חתונת...". The main content is a research paper titled "Results" under "Participant characteristics". A table lists characteristics of the study group (n=80).

Characteristics	n	Percentage or median (IQR)
Sex, M/F	42/38	53/47
Age (y/mo)	80	9.0 (6.0-14.9)
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Diagnosis		
Cerebral palsy	60	75
Neuromuscular disease	16	20

On the right, a chat window shows a prompt: "what is the general idea of this paper?". The response states: "The general idea of this paper, according to the current web page context, is to identify variables that can predict proficiency in powered mobility use for children and young adults. The study was conducted on 80 children and young adults with cerebral palsy, neuromuscular disease, and spinal cord injury who participated in the ALYN Hospital Powered Mobility Lending Program from 2009 to 2016. The results showed that significant variables for predicting success were identified: manual wheelchair propulsion, go-stop voluntarily upon request, and using a joystick. The model was able to correctly identify 80% of the children. These findings may support policy changes in countries where wheelchair..."

Prompts for Research

• שפת החיפוש: עובד כל מגוון שפות (בדוגמה: חיפוש בערבית), אך נראה שהחיפוש עובד בצורה מיטבית כאשר שואלים את השאלות באנגלית.

The screenshot shows a web browser window displaying the Arabic Wikipedia article for 'أبو بكر الصديق' (Abu Bakr al-Siddiq). The article text is in Arabic, and a chat window is overlaid on the right side of the page. The chat window contains the following text:

شو الموضوع الرئيسي لهذا موقع؟

✓ Searching your page for information

الموضوع الرئيسي لهذا الموقع هو سيرة أبي بكر الصديق رضي الله عنه، أول الخلفاء الراشدين وأحد العشرة المبشرين بالجنة. يتناول الموقع حياته قبل الإسلام وإسلامه وهجرته مع النبي محمد صلى الله عليه وسلم وجهاده في سبيل الله وخلافته بعد وفاة النبي صلى الله عليه وسلم. كما يذكر الموقع نسبه وأسرته وصفاته وفضائله ووفاته رضي الله عنه.

1 of 30

حسب الموقع، من هو أبو بكر الصديق؟

أبو بكر الصديق هو عبد الله بن أبي قحافة، وهو أحد أصحاب النبي محمد صلى الله عليه وسلم وأول الخلفاء الراشدين. كان أبو بكر رجلاً ذا نفوذ

Ask me anything...

0/4000

עם רפרנסים – Prompts for Research

• הסוד: לכתוב את השאלה בצורה מדויקת וספציפית עד כמה שאפשר

Please summarize recent definitions of poverty. Provide references please.

Please provide further references regarding poverty definitions.

Can you provide academic papers references regarding poverty definitions?

• חייבים לבדוק את כל הרפרנסים!

• קישור לסרטון [כאן](#)

chatGPT וניתוח איכותני

• מסתבר ש-chatGPT יכול לסייע בניתוח נתונים איכותניים כמו מציאת תימות ומילות מפתח

• הסוד הוא, שוב, איך לשאול

• קישור לסרטון [כאן](#)

chatGPT וניתוח איכותני - דוגמה

• הדוגמה נעשתה על חומר ראיונות גולמי שעסק בנושא של חווית מתבגרים בני 18 את זמן האיכות עם הוריהם והשפעתו על מצבם הרגשי

• לפני שמזינים את הטקסט, יש להכין את chatGPT לניתוח איכותני

• ושוב, אין לסמוך על תשובת הבוט; חייבים לוודא אותה

chatGPT וניתוח איכותני - דוגמה

- I am going to analyze content regarding the way 18 years old teenagers perceive leisure time with their parents and does this affect their emotions. I will give you a list of comments and can you help me find the emerging themes?
- Note that the unit of analysis is a sentence.

[insert content; 1526 words]

- Thank you, I am going to provide more content now. Can you please find themes regarding the way 18 years old teenagers perceive leisure time with their parents and does this affect their emotions?

[insert content]

- What are the most recurring themes in the content I provided?
- Can you analyze the frequency of the sense of security and support provided by parents theme (i.e. keywords)?
- Can you make a frequency count of these keywords?

מוזמנים ומוזמנות להתנסות

