



# AI tool for Researchers

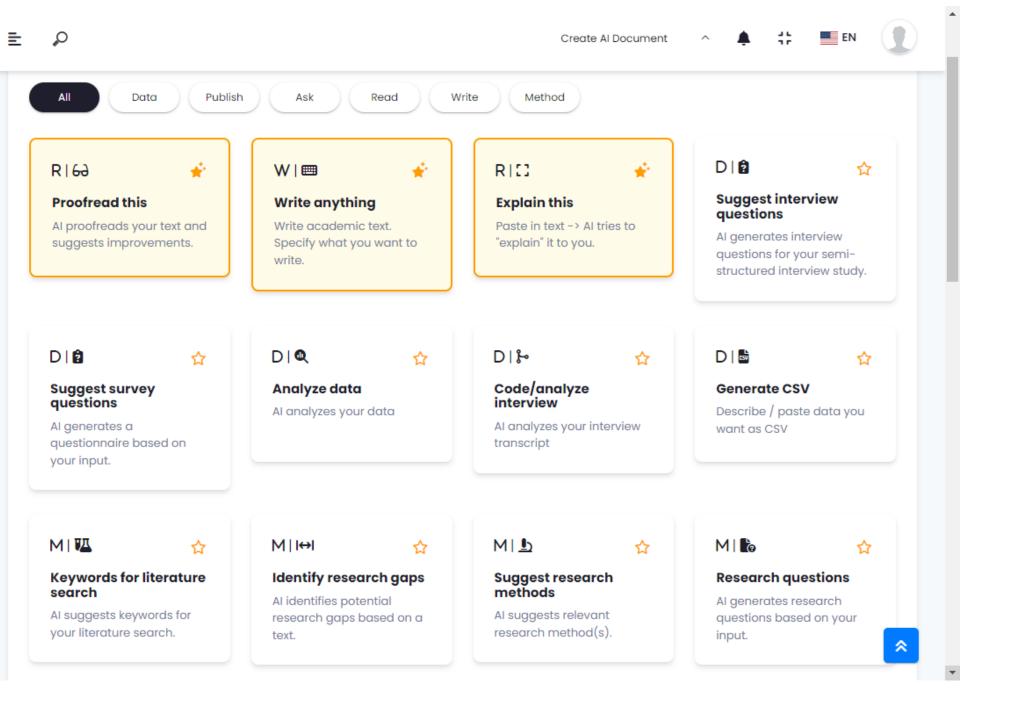
Avidnote is a versatile AI tool developed by researchers for researchers.

It enables more effective research writing, note-taking, reference management, reading and analysis.

Tip!



See the next pages for some of the AI templates you can use in your research work.



# AI for the research process

With Avidnote, you can use preselect templates to perform a variety of research related tasks. The AI helps you when it comes to reading, writing, analyzing as well as tasks relating to methodology.

### Reading

Helps you read papers, interpret text, peer-review, simplify complex topics, etc.

### **Analysis**

Analyze data, find insights, suggest interview/survey questions etc

### Writing

A writing aid, rewrite text, proofread, suggest text, etc

### Method

Suggest research methods, theoretical framework, research gaps

### Writing

These are some sample AI templates, for full list, please login to the app at: avidnote.com



#### Generate academic text

While AI can be helpful for inspiration and generating text. Always critically evaluate & refine the AI-generated content to fit your own written text and ideas.

- Literature review
- Historical overview
- Method
- Abstract
- Results
- Discussion



### Write anything

Or use the AI for generic writing, tell it what to write, and it will write it, in an academic voice.



#### Rewrite text

Simply paste in text you want rewritten, and the AI will rewrite it for you.





Avidnote is very useful in generating research texts and reports. However, it is important to still verify the accuracy of the text. Incorporate your own text, discard things that are not relevant, and expand upon the generated text that is relevant.

Think of Avidnote as an assistant, it does not replace the writing process, instead, it aids you in your writing. It is still important to keep academic integrity, which means citing proper sources and working with AI as a tool, and not as a replacement of you.



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# Suggest interview questions

Describe your study and the AI returns suggested interview questions.



### **Analyze data**

Paste in data in any text format, and the AI will attempt to find correlations, insights and suggest ways to study it further.



### Suggest survey questions

Describe your study and the AI returns suggested questionnaire questions.



### Code/analyze interviews

Paste in your transcript, and the AI codes the interview, highlight key sections, themes and topics.

### Reading

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#### **Proofread text**

AI helps you correct sentences, grammar and syntax. AI will also suggest ways to improve & build on your text.



### **Explain text**

Paste in text, and the AI explains what the section is about in simple language, including a glossary of what the terms mean.



### **Opposite view**

Paste in any text and the AI explain what the opposite view is in the research literature. Good for examining contested topics.



### **Critique text**

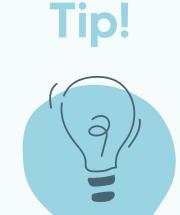
Use AI to provide a peer-review of any text. It offers an academic critique akin to a peer-review.



### **Summarize text**

Paste in pages of text and let the AI provide a summary. You could summarize entire papers. Also try out the template "ask this text" where you can paste in any text and ask questions to it.



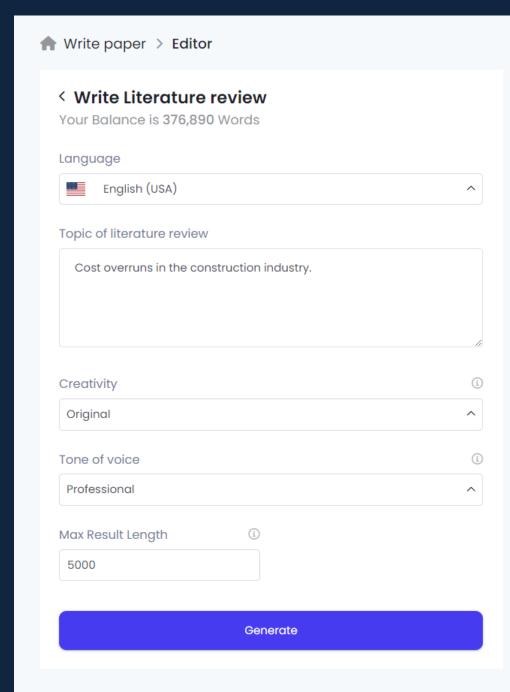


Let AI be your peer-reviewer before you submit your draft, and use it to find potential mistakes in your text.



### Al Writer for Researchers

- Al writing assistant. Helps you write & rewrite academic text.
- Researchers maintain full control over the writing process, with our app serving as a tool to assist and *not* as a replacement.
- Researchers can review & revise the output, add proper sources and edit the material to ensure academic integrity.



Construction cost overruns paper	Research papers	^ [2
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Literature Review		
cost. Such overruns can have significant consequences, include	stent challenge for decades. These overruns refer to the situati ding financial losses for the project stakeholders, delays in pro ting to cost overruns in the construction industry and the strat	ject completion, a
such as labor costs, material prices, and unforeseen risks. Ho	naccurate initial cost estimation. Estimating the cost of a construever, due to the inherent uncertainties and complexities invocosts to avoid overruns. For instance, Flyvbjerg et al. (2003) for phase.	olved, initial cost es
	oor project management. Inadequate project planning, schedul ffective project management practices in minimizing cost over cipants as common causes of cost overruns.	
	e construction process can significantly impact project costs. T	_

can lead to additional expenses and delays. A study by Love et al. (1998) revealed that scope changes were one of the most significant cause the need for effective change management processes to control and minimize the impact of scope changes on project costs.

Additionally, external factors beyond the control of project participants, such as economic fluctuations, market conditions, and regulatory rec during periods of economic downturn, construction material prices may increase, impacting project costs. Research by Zou et al. (2014) highly suggested that project participants should carefully consider these factors during the planning and execution phases.

To mitigate cost overruns, several strategies have been proposed in the literature. One approach is to improve the accuracy of cost estimatio advanced cost modeling techniques. Researchers such as Chan et al. (2017) have advocated for the adoption of data-driven cost estimation is overruns.

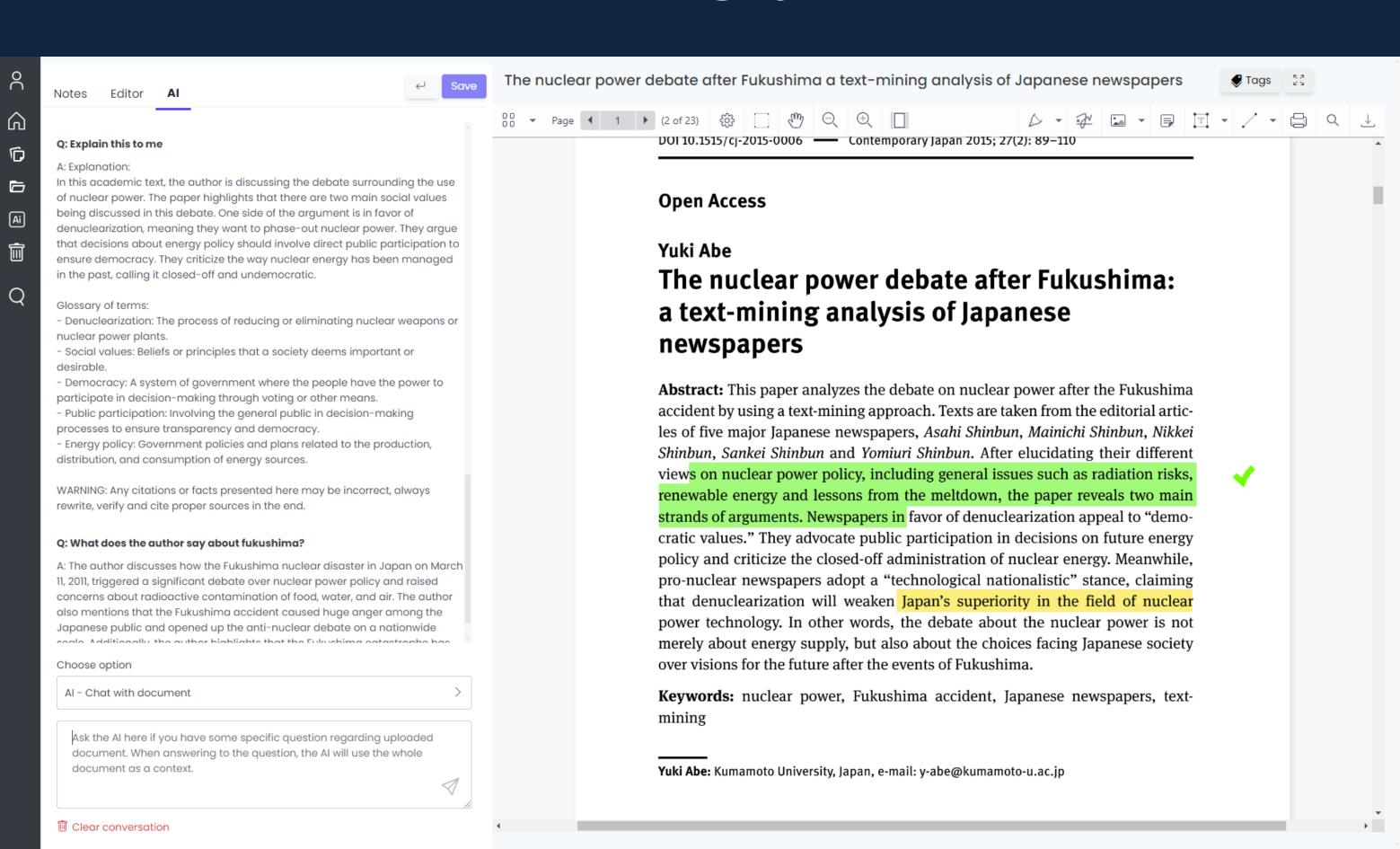
Another strategy involves implementing effective project management practices, including robust planning, scheduling, and monitoring. This such as critical path method (CPM), earned value management (EVM), and risk management. Research by Assaf and Al-Hejji (2006) indicated cost overruns in construction projects.

Moreover, the proactive management of project scope and effective change management processes can help control and minimize cost ove engaging stakeholders in scope discussions, and implementing change control procedures. Research by Abdul-Rahman et al. (2014) emphasi



# Use Al when reading your papers

- Al explains things you are reading in your documents,
- Get answers from papers, summarize text, expand text, opposite views etc.
- Al assistant to help you when reading documents.



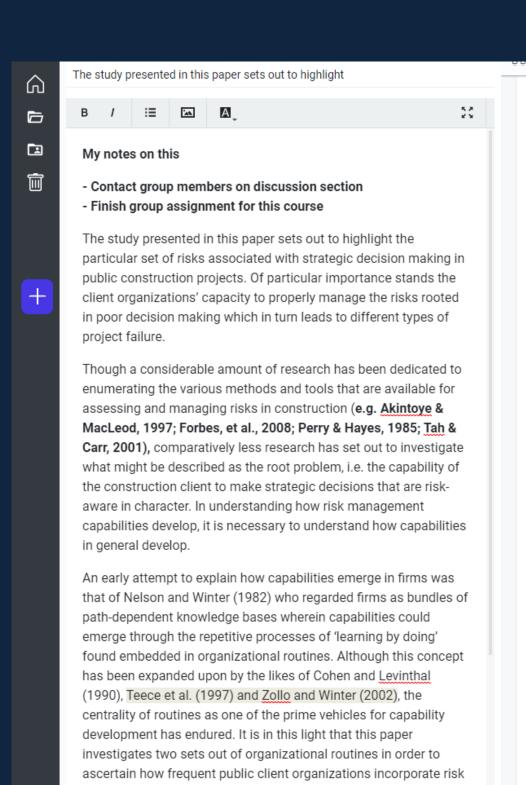


# Take notes on papers / docs

552

### Integrated: Writing tool next to the PDF paper

- Read & write simultaneously
- Annotate seamlessly inside the PDF
- Create tags to organize your documents & notes



A

Adam Abderisak and Göran Lindahl / Procedia Economics and Finance 21 (2015) 548 - 554

Table 2. Types of the risks emphasised in the respective annual reports of 2013.

Organisation		Type of risks			
	Financial	Operational	Safety		
Akademiska Hus	Emphasised	Mentioned	Mentioned		
Familjebostäder	Mentioned	Mentioned	Mentioned		
Fortifikationsverket	Mentioned	-	-		
LKAB	Emphasised	Emphasised	Emphasised		
Svenska bostäder	Emphasised	Mentioned	Mentioned		
Trafikverket	Metioned	Emphasised	Emphasised		

Is it possible that by overemphasizing the financial aspects, client organizations have neglected the core operational risks that often carry substantial impact on both financial and other organizational outcomes? Although it is not possible to decisively state that this is indeed so, there certainly seems to be room for an interpretation along these lines. Further research grounded on a larger sample size that allows for extrapolations would be needed to uncover whether an overemphasis on financial risks is a predominant occurrence in the documentation of client organizations and whether this correlates with how risk management is actually handled in these organizations.

LKAB seems to be the public client that emphasis risk management the most from the selection of organizations included in the list. This might in part be attributable to the industry in which it operates. The mining industry is volatile in nature and subject to a barrage of uncertainties ranging from price fluctuations, project related risks, hazard related risks and an extreme sensitivity to changes in demand (McClain, et al., 1996). It is also the only company listed that explicitly states that it employs a Chief Risk Officer (CRO) to handle risk related matters. Although Fortifikationsverket seems to have omitted a risk management perspective in their annual rapport, the agency nonetheless frequently mentions risk management in its published documents, as evident by Table 3. Its annual report is closer to a financial statement than a comprehensive report.

It is also to be noted that all of the public housing companies included had a relatively low emphasis on operational and safety related risks. This in contrast to Trafikverket and LKAB who both shared a high emphasis on operational and safety related risks. This might be explained by the latter two being involved in projects that are technically more complex and often prone to accidents, hence making them more risk sensitive in those areas.

Although the annual report is often regarded as the primary venue to disclose information to stakeholders (Buhr, 1998), it is not the only internal document of relevance. The table below looks at the frequency by which risk management/analysis is mentioned in all of the internal documents that the different organizations have published on their respective websites.

Table 3. Relative occurrence of the keywords "riskhantering" (risk management) and/or "riskanalys" (risk analysis) in the websites of the selected construction clients

Organisation	Total No. indexed	Results containing "risk	Share of results containing "risk
	webpages	management" and/or "risk	management" and/or "risk
		analysis"	analysis" (%e)
Akademiska Hus	6,050	72	11.90 ‰
Familjebostäder	550	8	14.90 ‰
Fortifikationsverket	573	16	27.92 ‰
LKAB	2,840	53	18.66 ‰
Svenska bostäder	2,040	6	2.94 ‰
Trafikverket	328.000	2.490	6.52 ‰

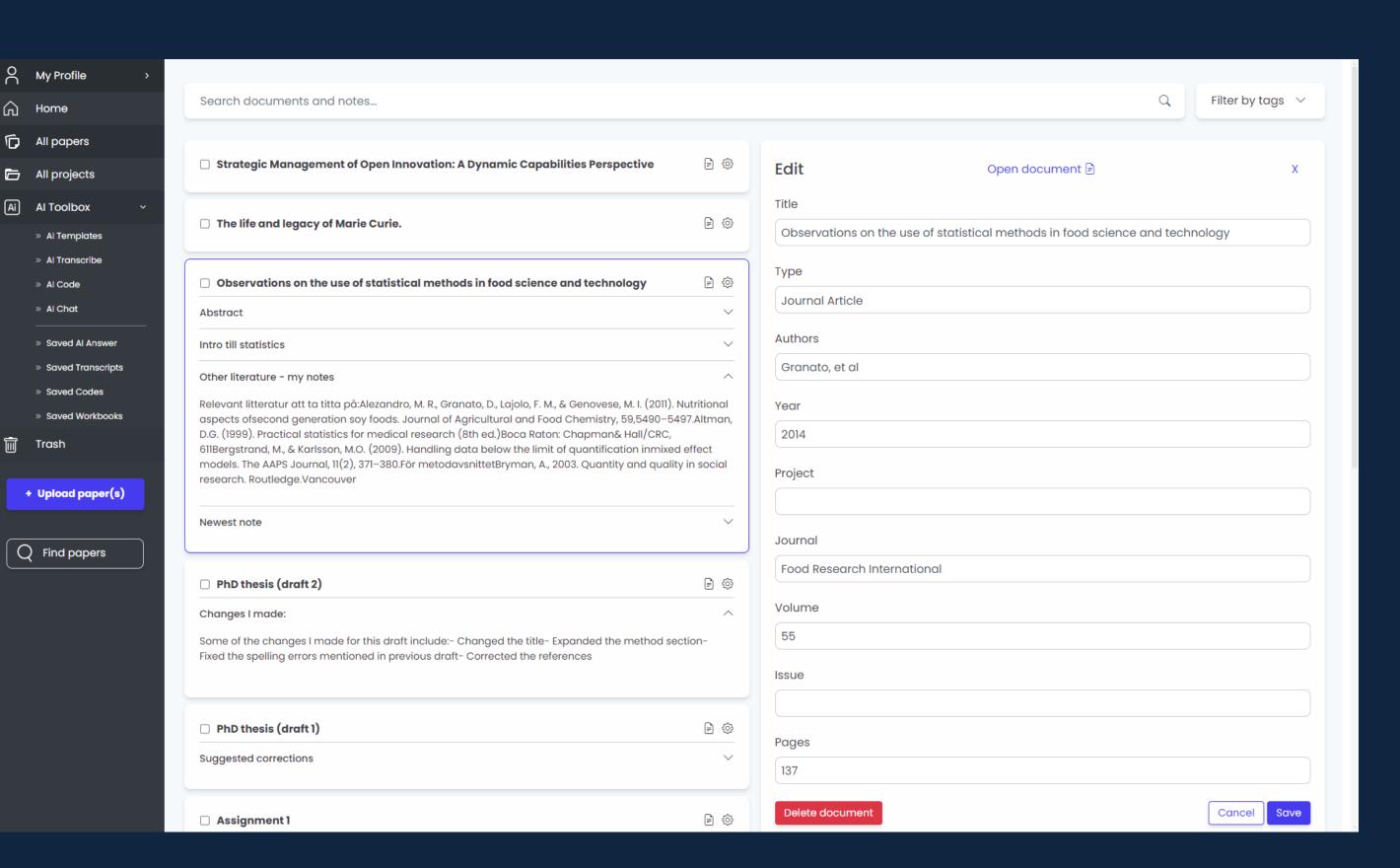




# Manage all of your research

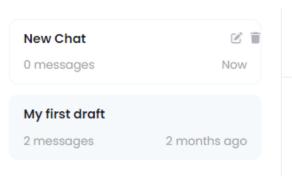
## Overview: Search for & organize documents

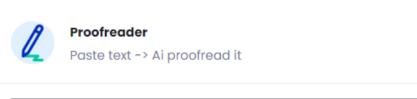
- Comprehensive platform for your notes, papers and references.
- Find and retrieve new research papers when conducting research & analysis.
- Organize your reports and documents using tags.
- Save references.
  Import/export references



### AI chatbots

Similar to ChatGPT, Avidnote offers a versatile chatbot that can help you expand text, summarize text, and all other chat functionalities. Unlike ChatGPT, all of the data you input into Avidnote is private by default and is never used to train the AI.





Nuclear power is the use of nuclear reactions to produce electricity. Nuclear power can be obtained from nuclear fission, nuclear decay and nuclear fusion reactions. Presently, the vast majority of electricity from nuclear power is produced by nuclear fission of uranium and plutonium in nuclear power plants. Nuclear decay processes are used in niche applications such as radioisotope thermoelectrics generator in some space probes such as Voyager 2. generating electricity from fusion power remains the focus of international research.



#### Revised version:

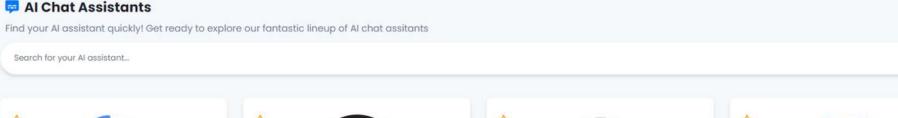
Nuclear power is the use of nuclear reactions to produce electricity. It can be obtained through nuclear fission, nuclear decay, and nuclear fusion reactions. Currently, the majority of electricity is generated through the nuclear fission of uranium and plutonium in nuclear power plants. Nuclear decay processes are used in specialized applications such as radioisotope thermoelectric generators for space probes like Voyager 2. Generating electricity through fusion power is still the main focus of international research.

Some corrections (all changes may not be displayed):

- Deleted "Presently" before "the vast majority"
- Changed "from nuclear fission" to "through nuclear fission" and "of uranium and plutonium" to "from uranium and plutonium"
- Deleted "generating" in "generating electricity from"
- Added "is still" before "the focus of international research"

#### Suggestions:

The revised version of the text is clear and concise. It provides a brief explanation of nuclear power and mentions the different types of nuclear reactions used. However, it would be beneficial to expand on the advantages and disadvantages of nuclear power, as well as mention any potential risks and safety measures. Additionally, more information on the progress and challenges in achieving fusion power could be included to provide a well-rounded overview of the topic.



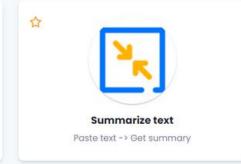


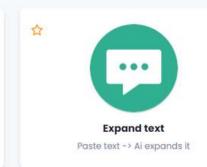










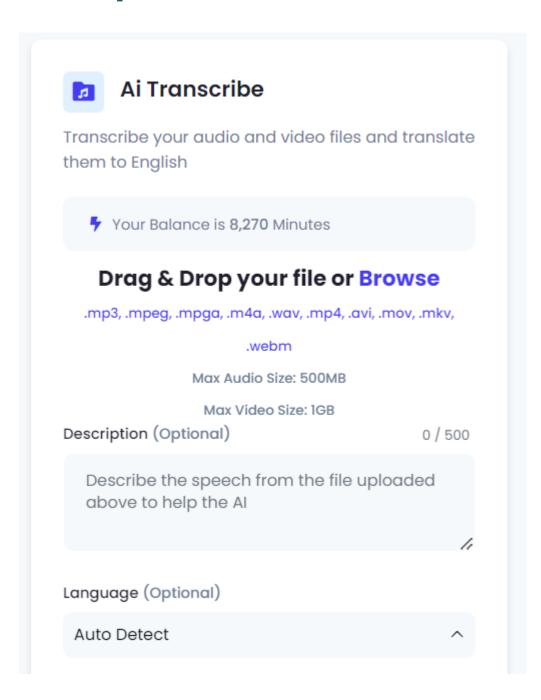




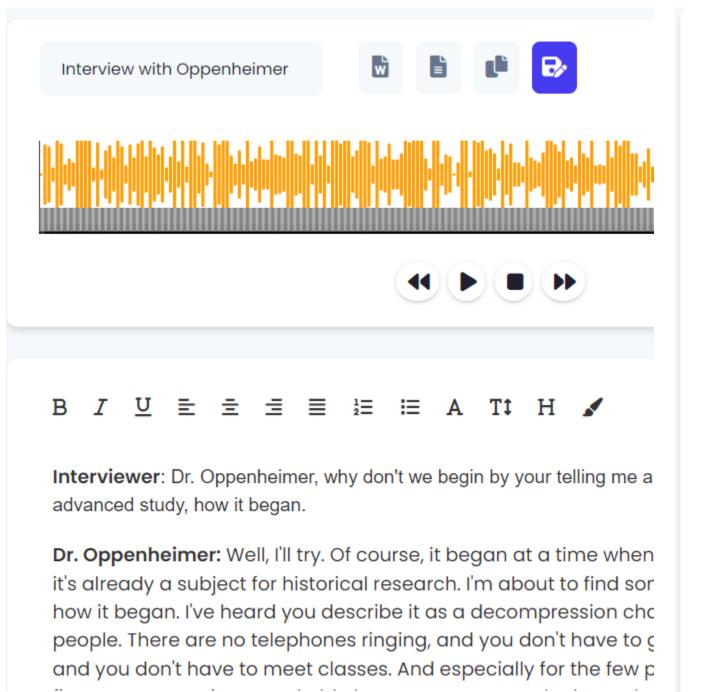


### Analyze qualitative data in minutes, not hours

### 1. Upload interview



#### 2. Transcribes in minutes



#### 3. Analyze / code interviews



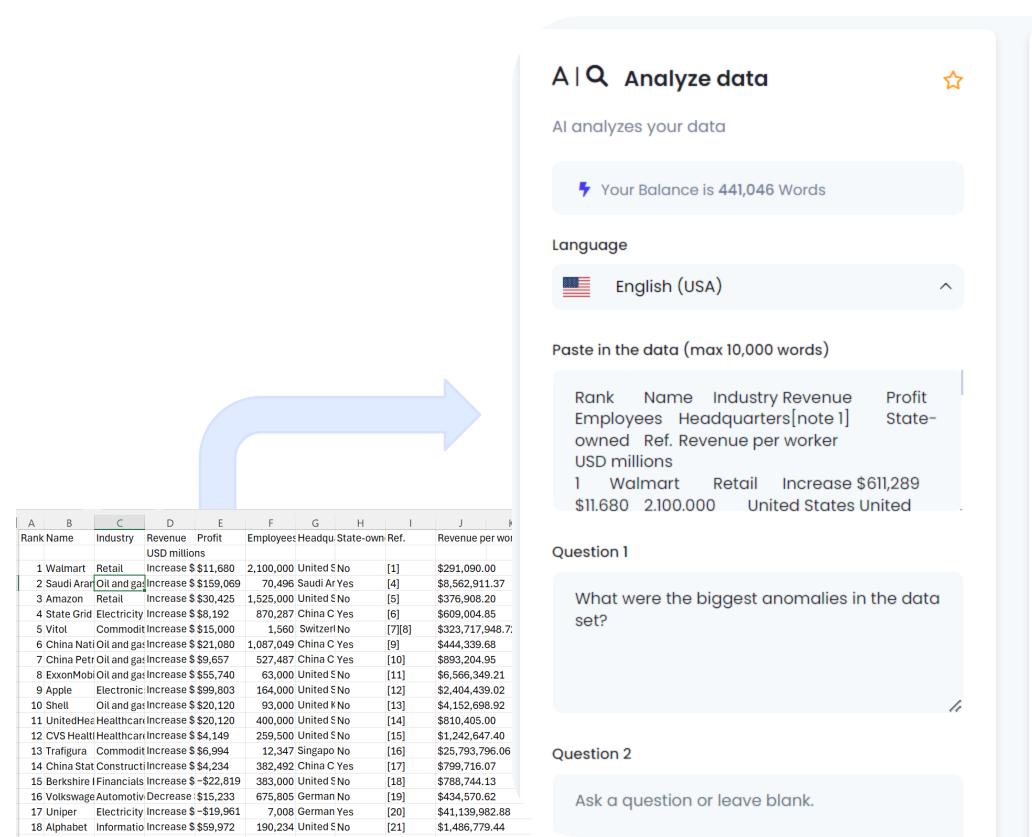
Narrative no. 1: The Purpose of the Institute for Advanced Study

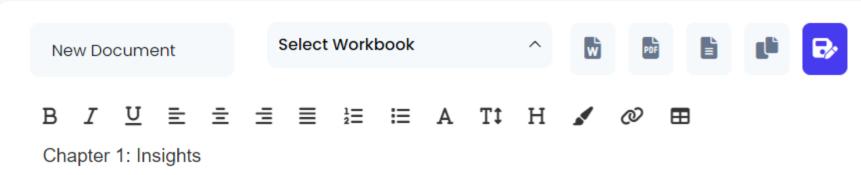
Analysis: In this narrative, Dr. Oppenheimer describes the purpose of the Instiplace for creative and struggling scholars and scientists to work without distration importance of intimacy, understanding, and comradeship in a smaller institution discusses the idea of taking away the normal cares and pleasures of life to all their own work and destiny.

#### Relevant quotes:

- "They're used to having to go to attend to other people's business. When the that, and they can't run away."
- "We suffer from limits of money, of wisdom, of space, and we know that if we everything because the kind of intimacy, the kind of understanding, the kind of possible in a place of this size is hard to maintain in a place ten times as big."
- "We are here as an institution...to take away from men the cares, the pleasurexcuse for not following the rugged road of their own life and need and destinated as a second control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of their own life and need and destinated control of the life and need and destinated control of the life and

### ... or analyze quantitative data





- Walmart is the company with the highest revenue, followed closely by Saudi Aramco and Amazon.
- The oil and gas industry dominates the top ranks, with three companies in the top five.
- State-owned companies from China and Saudi Arabia are present in the top ranks.
- The revenue per worker varies significantly, with Trafigura having the highest revenue per worker.
- Some companies, like Berkshire Hathaway and Foxconn, have experienced a decrease in revenue.

#### Chapter 2: Assessing the data

- The dominance of the oil and gas industry in the top ranks can be attributed to the high global dema for energy.
- The presence of state-owned companies from China and Saudi Arabia suggests the influence of government control and support in these industries.
- The variation in revenue per worker indicates differences in efficiency and productivity among compa
- The decrease in revenue for some companies may be attributed to various factors such as market conditions or internal challenges.

#### Chapter 3: Ways to further analyze the data

- Analyze the profitability of the companies to understand the relationship between revenue and profit
- Compare the revenue growth rates of different industries to identify trends and potential opportunitie
- Conduct a geographic analysis to understand the distribution of companies across countries and reg



Enterprise licenses include a standard DPA agreement that ensures that your data stays private and secure.

# With focus on data privacy

The data that you put up on Avidnote is stored in secure GDPR-certified servers. Avidnote is developed by a Swedish company, Avidemic AB, and is regulated by GDPR regulations.

### You own it

The data you put up on the platform is owned by you. We do not take ownership of any data.

### **Private**

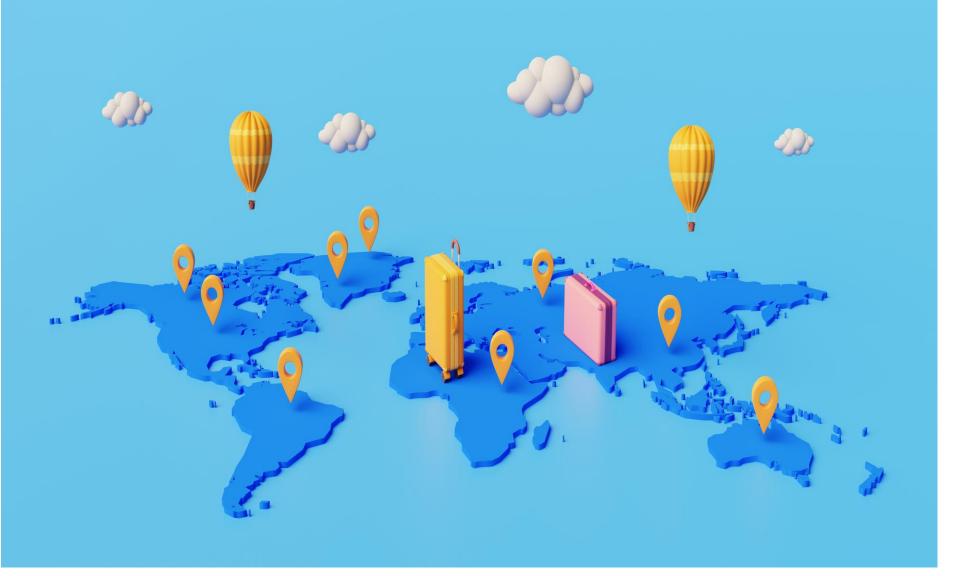
Your data is private. We do not share it with other users. The data is never used to train the AI.

#### Retrievable

You can retrieve, edit or delete your data any time.

### Security

We use industry-standard security measures to keep your data secure.



Enterprise licenses include a standard DPA agreement that ensures that your data stays private and secure.

















Avidnote is used by both individual researchers and research departments and institutions around the world.

#### Our customers include











### Contact Us

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