

# Theories of Business Informatics

## Navigating Academic Databases

Moein Beheshti - September 2023



# Introduction

- Moein Beheshti
- Research Focus: Sharing Economies and Blockchain
- H-index: 8, Citations: 185
- Publications:
  - A. Journal of Knowledge Management (Q1)
  - B. Operations Management Research Journal (Q1)
  - C. Journal of Consumer Behavior (Q2)



**What to Expect?**

# Expected Outcome

## Course Introduction

- How to read an article?
- How to extract information?
- How to choose your research topic?
- How to develop your thoughts into research?
- What methodology is appropriate for your research?
- How to write well (Not just an essay)?
- How to present your work?

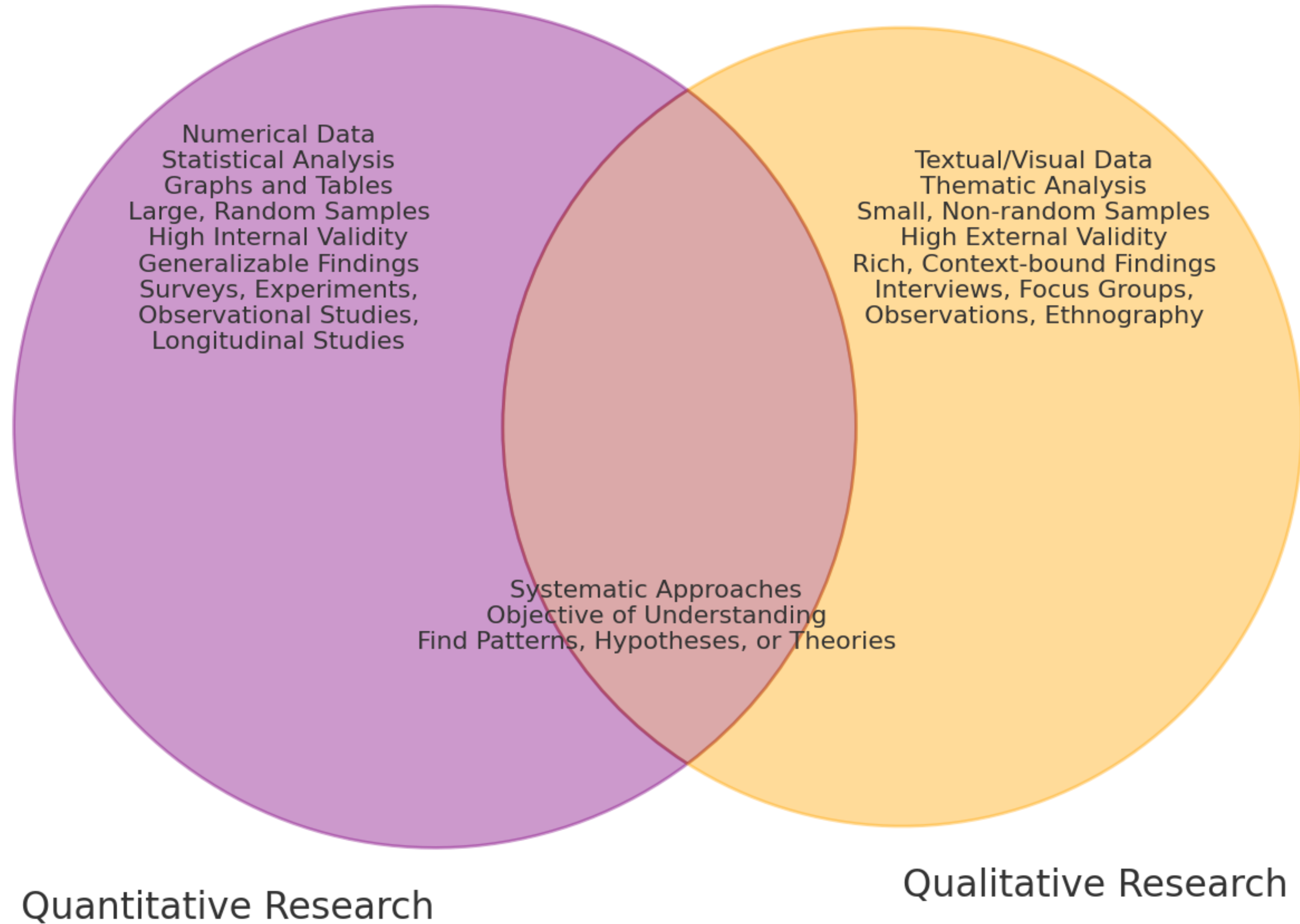
# First two sessions

## Academic Databases and visualization tools

- Get Familiar with Journal Articles ( Different sections and rules)
  - Brainstorm your topic (Get Focused)
  - How to write an academic essay (Focusing on LR)
  - Your findings are your data (LR data analysis)
  - Summary and find gaps (Visualisation)
- + How to leverage AI in Research?

# Qualitative Vs Quantitative

# Comparing Qualitative & Quantitative Research



# Quantitative Research

- Check IS



Technology in Society

Volume 74, August 2023, 102305



## Use and behavioural intention using digital payment systems among rural residents: Extending the UTAUT-2 model

[Mohd Hanafi Azman Ong](#)  , [Muhammad Yassar Yusri](#) , [Nur Syafikah Ibrahim](#) 

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<https://doi.org/10.1016/j.techsoc.2023.102305> 

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# Qualitative Research



International Journal of Disaster Risk Reduction

Volume 95, September 2023, 103872



## Effectiveness of audience segmentation in instructional risk communication: A systematic literature review

[A. Bartolucci](#)  , [M.C. Aquilino](#), [L. Bril](#), [J. Duncan](#), [T. van Steen](#)

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<https://doi.org/10.1016/j.ijdrr.2023.103872> 

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# Mixed Research Methodology


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DOI: 10.1002/cb.2204

WILEY

## SPECIAL ISSUE ARTICLE

# An overview of the consumer-centric disruptive technology research: Insights from topic modelling and literature review

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### Abstract

This review aims to assess the most prevalent disruptive technologies of the past decade and evaluate them from a dual perspective. This study utilises the technology life cycle framework to classify disruptive technologies into three phases, (i) emerging, (ii) industry, and (iii) customer-focused research outcomes. Subsequently, entities using six thematic categories via topic modelling are assessed to determine the research trajectory about customers, industries, and theory. The present study utilises the Latent Dirichlet Allocation framework for topic modelling, a quantitative tool that employs advanced statistical methodology to extract semantic knowledge from large text corpora. This approach offers a more comprehensive and insightful categorisation of information compared to traditional research review models such as archive review, meta-review analysis, and systematic literature review. After the

# Research Idea

- Where it comes from (Work, Courses, Trends, News, Ambition).
- Is it worth it? (LR, Consult)
- What methodology to use? (Look for the implication)
- Where to begin? (Brainstorm, Star research articles, Research Abstract)



# Brainstorming

Make your mind clear

- Is my idea SMART? (specific, measurable, achievable, relevant, and time-bound)
- What are my options?
- Collect notes as much as you can (even dumb ideas).



# BE SPECIFIC

**You need to come up with keywords**



# Keywords Found!

Find the leading articles

Scopus<sup>®</sup>



Clarivate  
Web of Science<sup>™</sup>



Semantic Scholar



# **Keywords Found!**

Find the leading articles

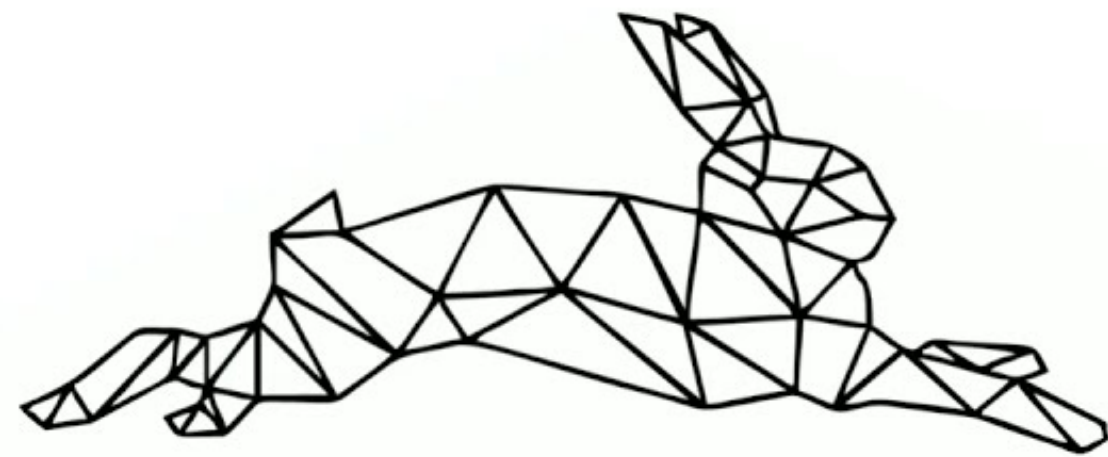
**# Publish or Perish**

Let's Jump into it

**Now what? Should I read them?**

# Research Direction

## Find the clue






[www.researchrabbit.ai](http://www.researchrabbit.ai)

# Elicit

the AI research assistant

Select a workflow

 Extract information from PDFs Upload up to 50 papers and extract information into a structured table	 Discover concepts across papers Get a table of concepts synthesized from the research literature
 Find scientific research papers Get a table of published research papers related to your question or topic	





# Find the Gap

- Key contributions
- Key papers
- What is evident?
- What is missed?



# Now Begin

You should expand your thoughts and write based on that

# Before Beginning

Make sure to remember these rules when writing

- Each paragraph should directly respond to your topic sentence.
- Refrain from over-reference an article in your essay.
- Be careful about plagiarism (No ChatGPT, No copy).
- Use Grammarly to improve your language.
- JUST REFER TO THE ARTICLES
- Make sure to write your claims with proof.
- You are putting time, make it reasonable and wrathful



# How to write well

## Citation tools



# Sample writing

## Be careful

### H2

EE positively affect BI to use digital payment systems among the rural residents.

*The influence of social influence (SI) toward behavioural intention (BI) to use digital payment systems.*

SI is an authentic predictor construct in the UTAUT2 theory. It is defined as the consumers' perspective of what their friends and family think about the usage of the certain technology [15]. According to prior studies in a variety of fields, the significance of SI is what determines consumers' intention to use a particular technology. For example [30], indicated that higher education students are more likely to use m-learning technology when most of their friends influenced them to use it. Findings from another study also show that if a teenager's friends use a wearable technology, then they will also use similar wearable technologies due to their friends' influence [34]. These findings are also consistent with the [28] study, where they indicated that SI has a greater influence to the consumers to use a mobile payments technology. Hence, based on the previous empirical studies, we believe that if digital payment technology is used by the rural residents' friends or family, or recommended by someone who is important to them, the intention to use the digital payment technology among them should be high. We thus posit the hypothesis.

# Next

**Leverage LR as Data**