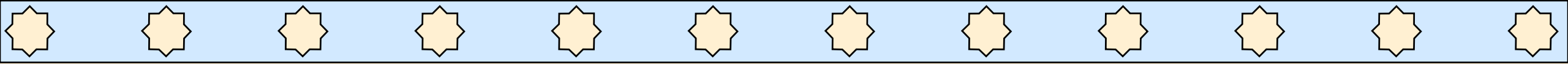


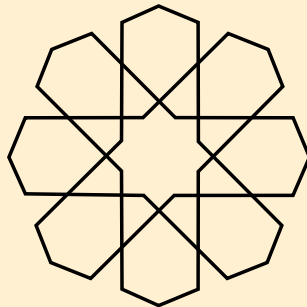
Scientific Method for Wikimedians

The Research Question – Practical part



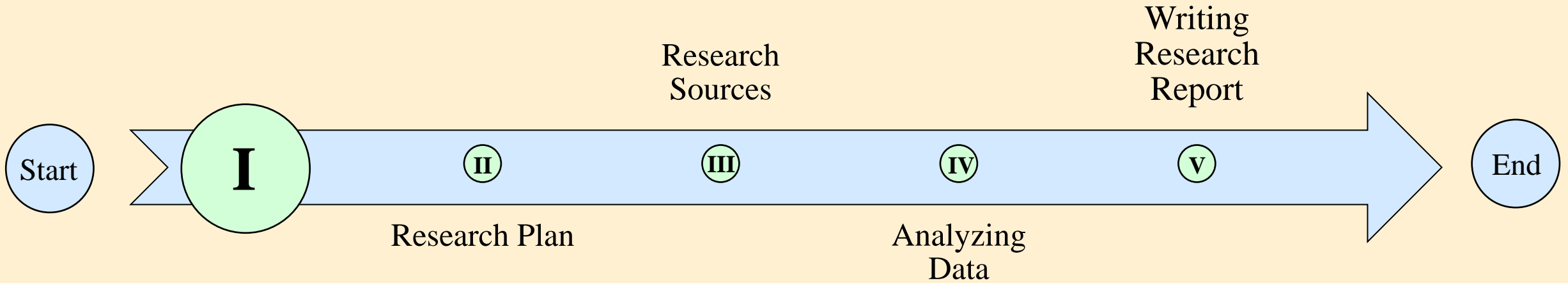
Michel BAKNI

2023





Course Structure



Part I: Knowledge & Scientific Method

Chapter 1: Knowledge & its types

Chapter 3: Research methodology

Chapter 2: Scientific facts

Chapter 4: Scientific method

Chapter 5: Research Question

General notes

- ★ **Theoretical part first**
- ★ **Open & clear**
- ★ **4 questions & 90 mins**
- ★ **Search-based**
- ★ **Share your answer!**

I Question 1

Estimated time: 15 mins

The Digital object identifier (DOI) is unique persistent identifier used in research mainly to identify articles.



- When was it created? who manage the control system?**
- How is the identifier used? Who use it?**
- What is the structure of the identifier?**
- How to get an DOI?**
- Share results, read answers & comments**

II Question 2

Estimated time: 30 mins

A Ph.D. thesis is a document submitted by a candidate to obtain a doctorate in a specific domain of knowledge. The Ph.D. thesis, as a scientific work, has a distinguishable structure.

- Conduct research to identify the structure of a ph.D. thesis.**
- Compare the findings with the structure of the article.**
- Share results, read answers & comments**

III Question 3

Estimated time: 15 mins

Here are two quotations from previous chapters:

◆ **An objective and verifiable observation intended to explain or interpret natural or human-made phenomenon**

**ISBN 0-415-12282-1
p. 35**

◆ **The branch of philosophy of science that explores the methods by which science arrives at its posited truths and critically explores rationales for these methods**

**ISBN 1-107-01505-7
p. 820**

- Use the card system, shown in chapter 5, to document the references and the quotations.

- Share results, read answers & comments

IV Question 4

Estimated time: 30 mins

The content knowledge gap in English Wikipedia between men and women is a notable problem. The Wikimedia Foundation has a research team that is interested in this problem.

- Write an email to the research team asking about current possible research questions for you to conduct a six-month research.**
- Share results, read answers & comments**

Course Title: Scientific Method for Wikimedians

Course Creator: Michel BAKNI

Video Title: The Research Question

Film Editing : Sandra HANBO

Date: March 2023



This course is a free work published under CC BY SA.

You are free:

- **to share** – to copy, distribute and transmit the work
- **to remix** – to adapt the work

Under the following conditions:

- **attribution** – You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.
- **share alike** – If you remix, transform, or build upon the material, you must distribute your contributions under the same or compatible license as the original.

Read the text of the Full license: <https://creativecommons.org/share-your-work/licensing-considerations/compatible-licenses>

This course was funded by Wikimedia Foundation

Information on the funding can be found in the grant page: <https://w.wiki/6BeP>

