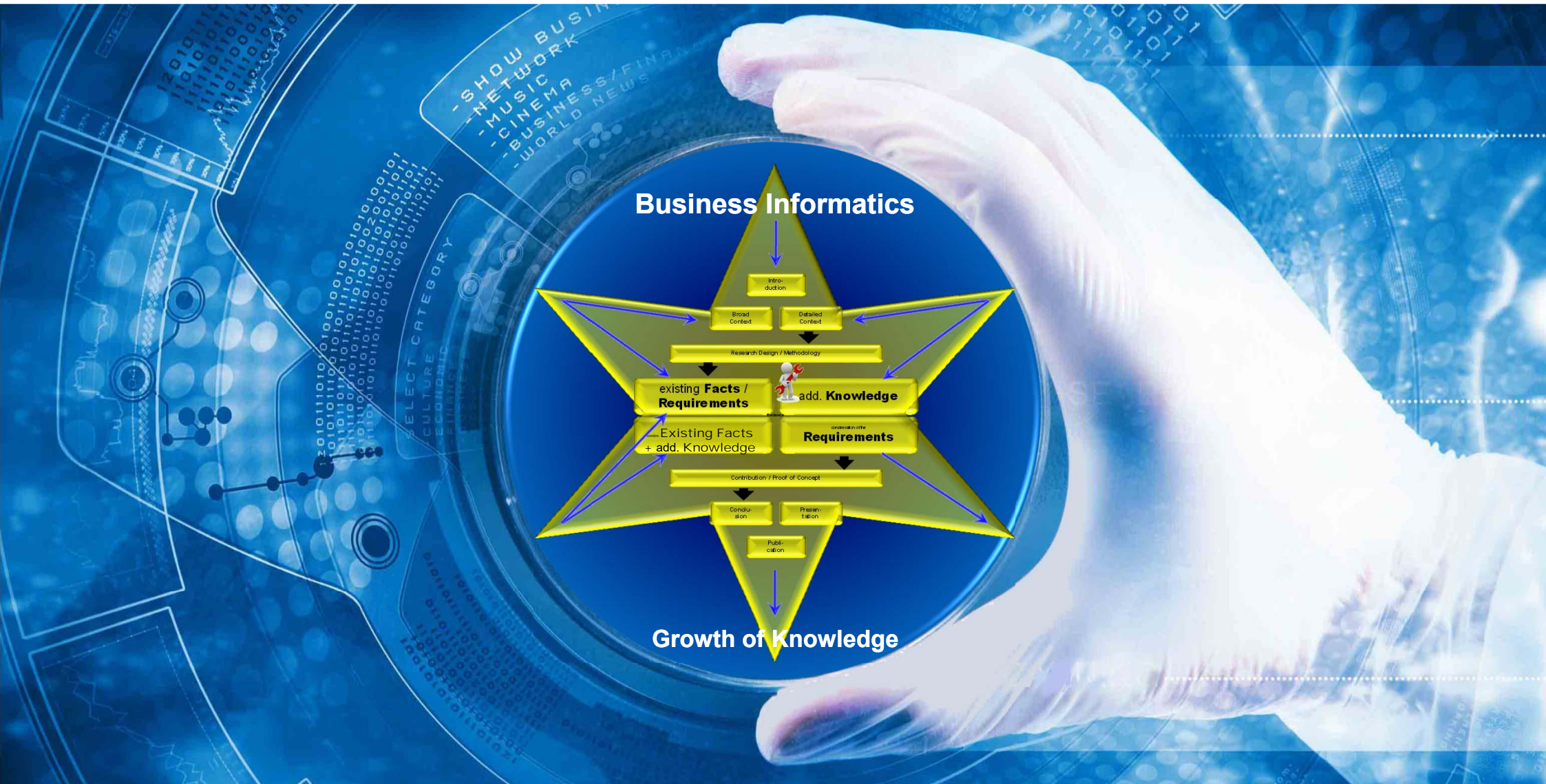


Star of Business Informatics



Rigor

- the quality of being valid and strict in adhering to standards or methods



⇒ we need this quality when answering a question of a client



⇒ for comparison : we need this quality when answering a research-question

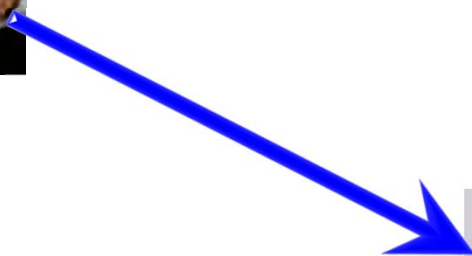


Rigor - the quality of being valid and strict in adhering to standards or methods



⇒ Working in the field of Business Informatics, we often are in charge to answer important questions of the economy / industry.

QUESTION



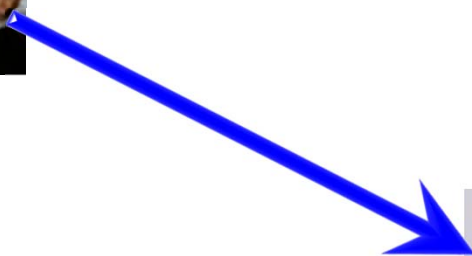
NEEDS
KNOWLEDGE

Rigor - the quality of being valid and strict in adhering to standards or methods



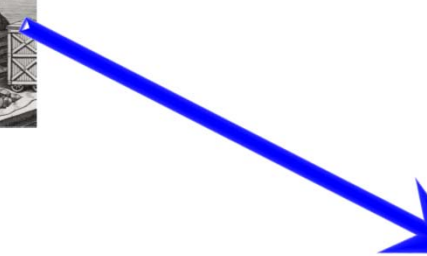
- ⇒ for comparison :
 - In a master thesis or a PhD, we normally have more research questions.
 - The RQ's are in a sequence that leads us to the evidence to proof or disproof a statement / thesis.

QUESTION



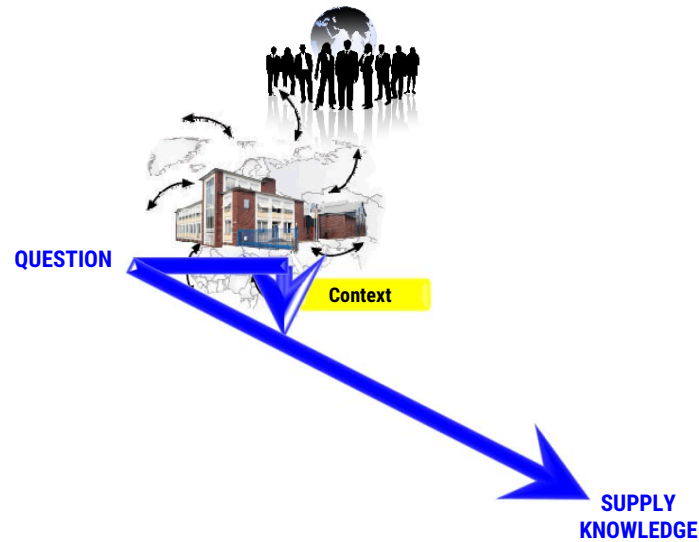
NEEDS KNOWLEDGE

RESEARCH-QUESTION



Rigor - the quality of being valid and strict in adhering to standards or methods

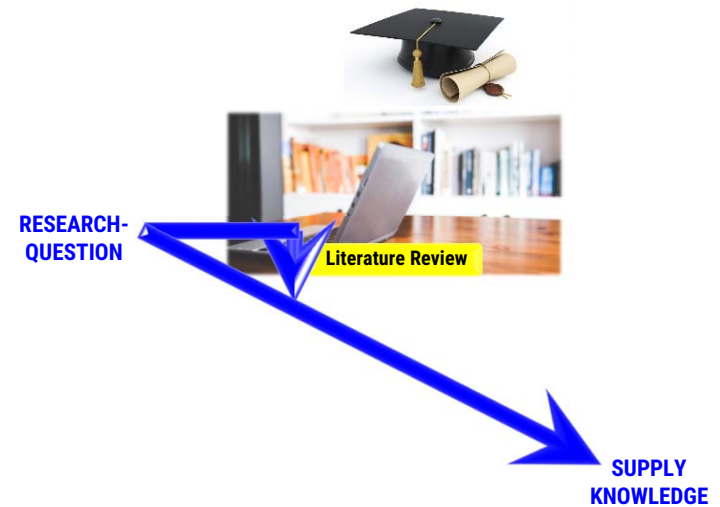
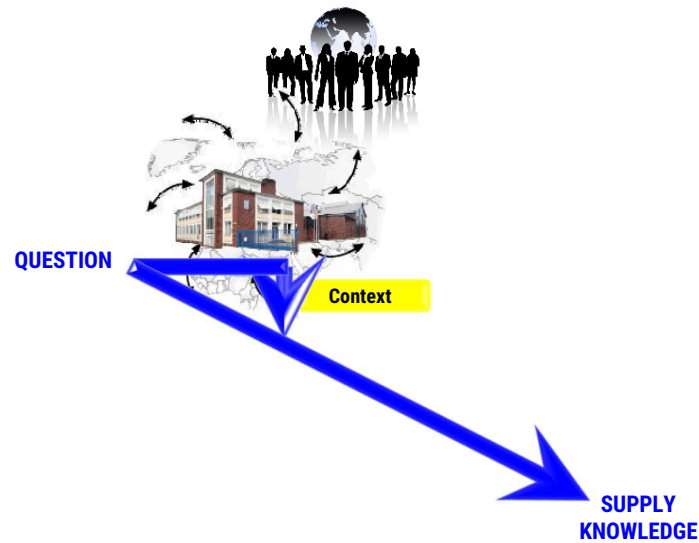
⇒ Working in the field of Business Informatics, we have to understand the context.



Rigor - the quality of being valid and strict in adhering to standards or methods



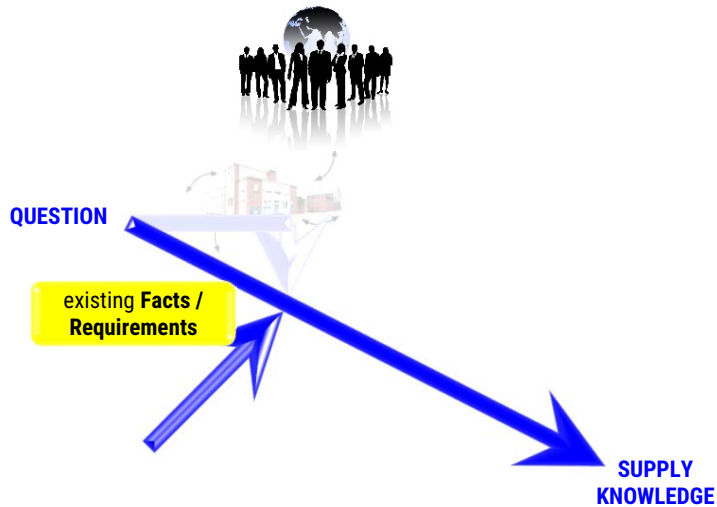
⇒ for comparison :
 In a master thesis or a PhD, we often find the context in the literature.



Rigor - the quality of being valid and strict in adhering to standards or methods



⇒ Working in the field of Business Informatics, we have to obtain facts and requirements related to the business of investigation.



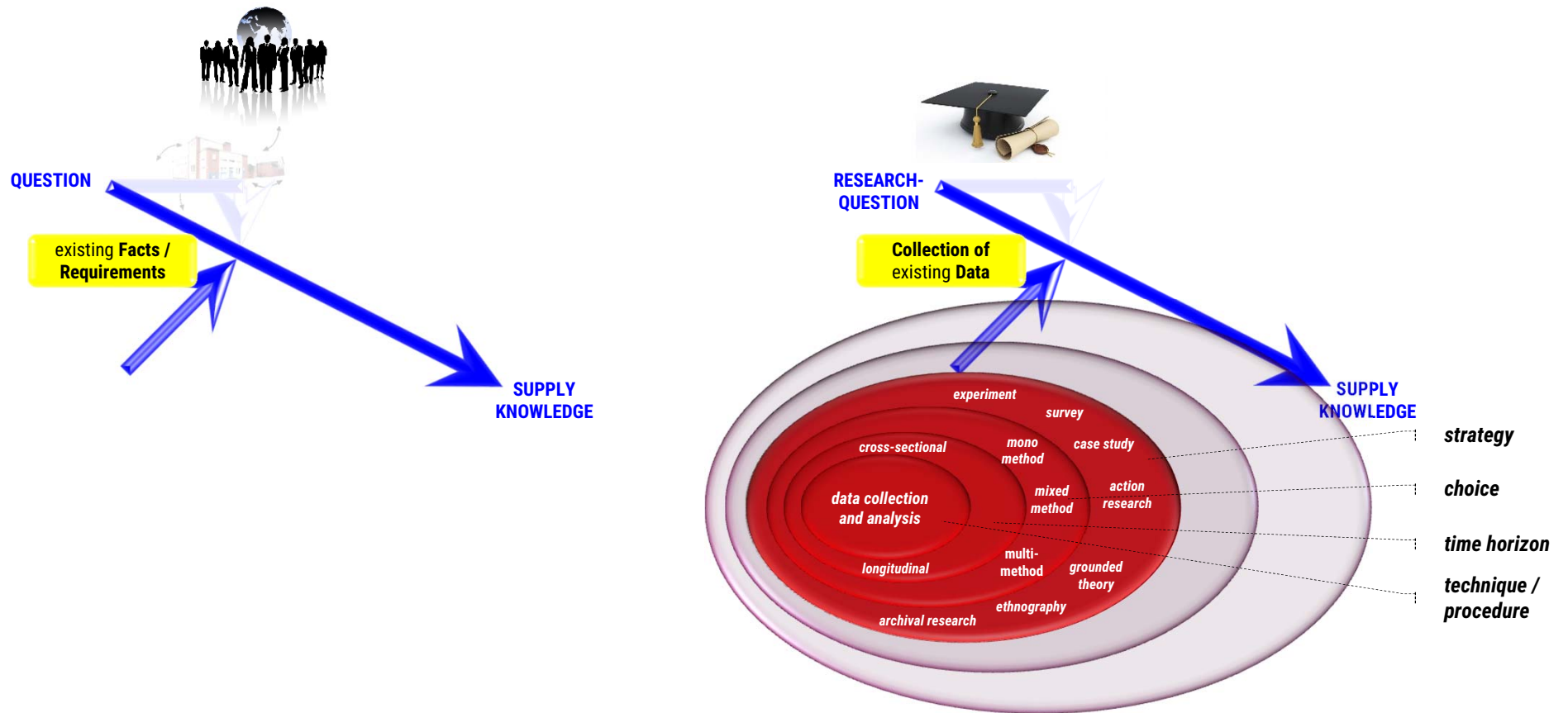
Rigor - the quality of being valid and strict in adhering to standards or methods



⇒ for comparison :

In a master thesis or a PhD, we also have to obtain data related to the field of investigation.

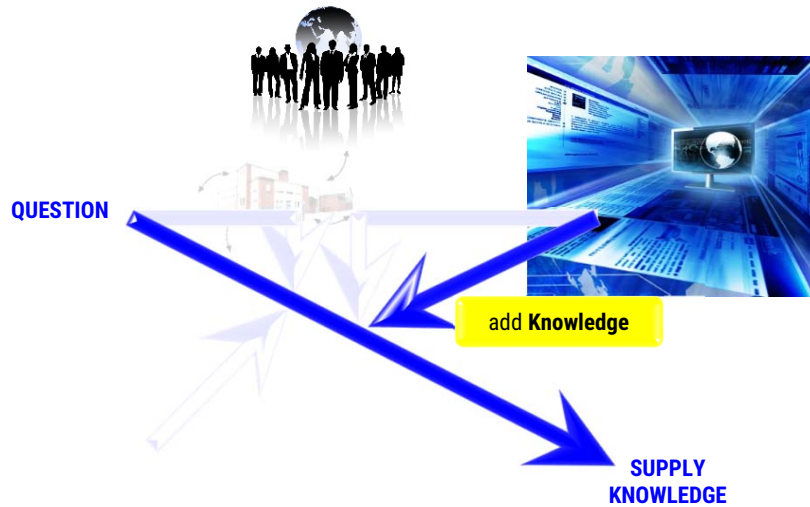
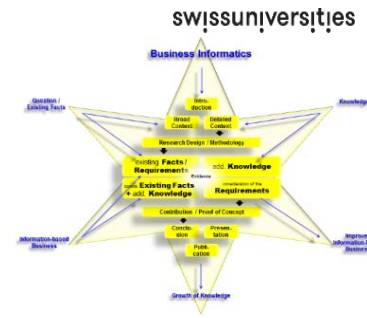
Saunders describes techniques, time horizon, choice, and strategy to obtain needed data (Research Design).



https://is.vsfs.cz/el/6410/leto2014/BA_BSeBM/um/Research_Methods_for_Business_Students__5th_Edition.pdf, page 108
<http://writepass.com/journal/wp-content/uploads/2012/06/Research-Onion.jpg>

Rigor - the quality of being valid and strict in adhering to standards or methods

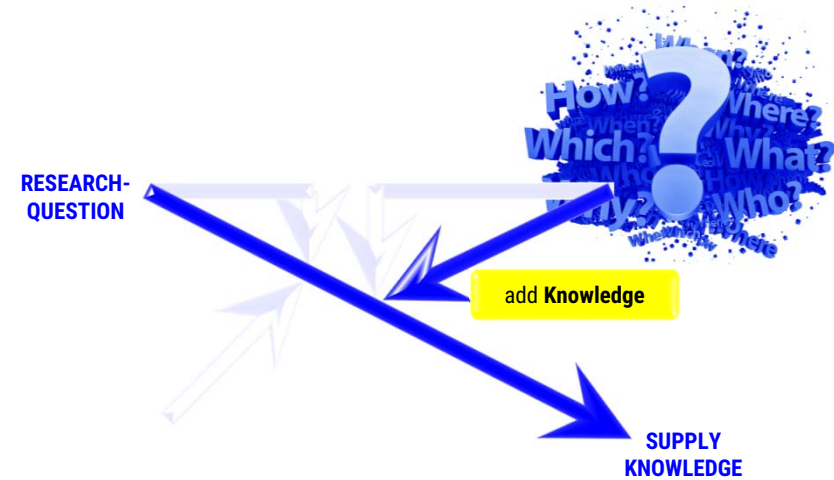
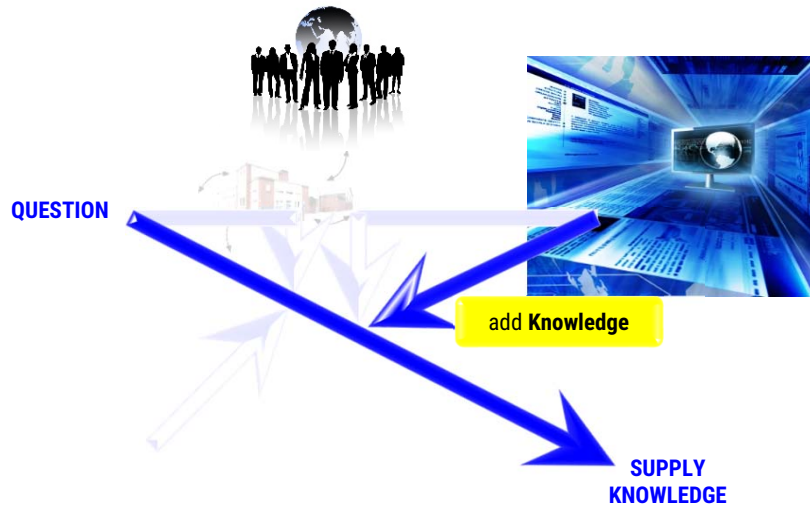
⇒ Working in the field of Business Informatics, we have to know and to search for new possibilities.



Rigor - the quality of being valid and strict in adhering to standards or methods



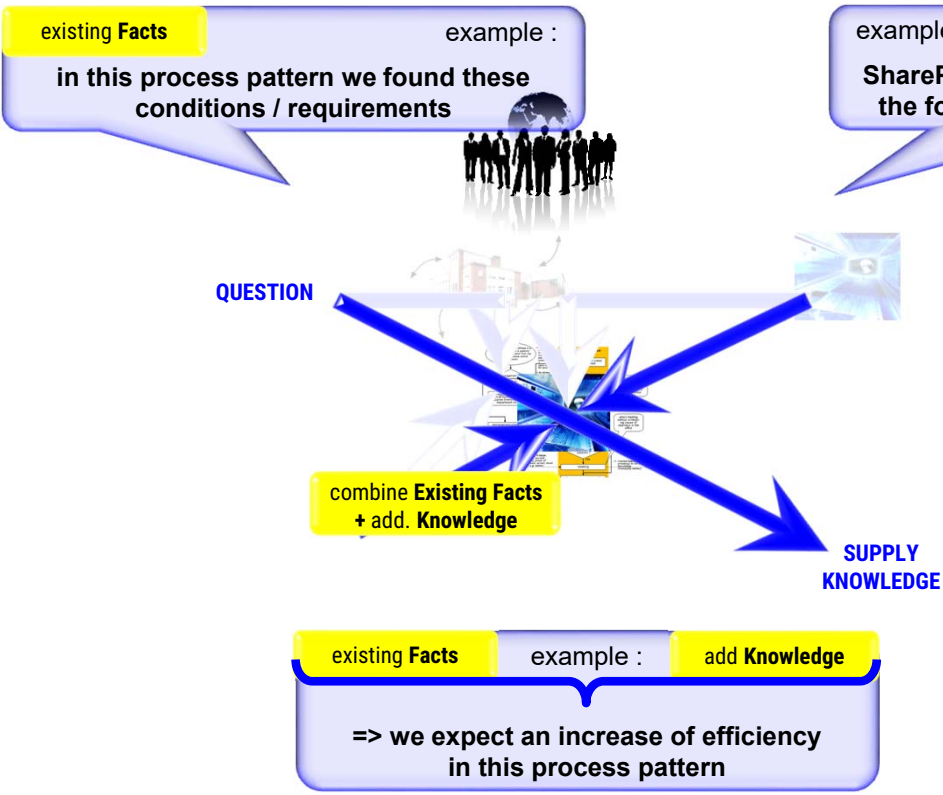
⇒ for comparison :
In a master thesis or a PhD, we often build on already proofed knowledge / artifacts.



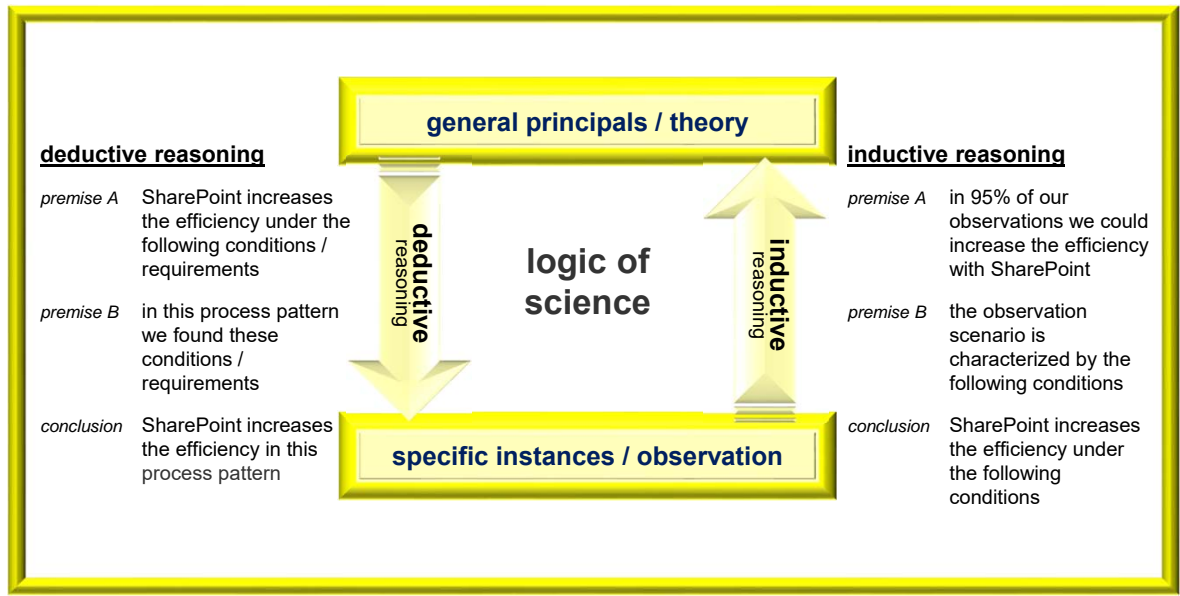
Rigor - the quality of being valid and strict in adhering to standards or methods



⇒ Working in the field of Business Informatics, we have to map the business of investigation with the new possibilities.



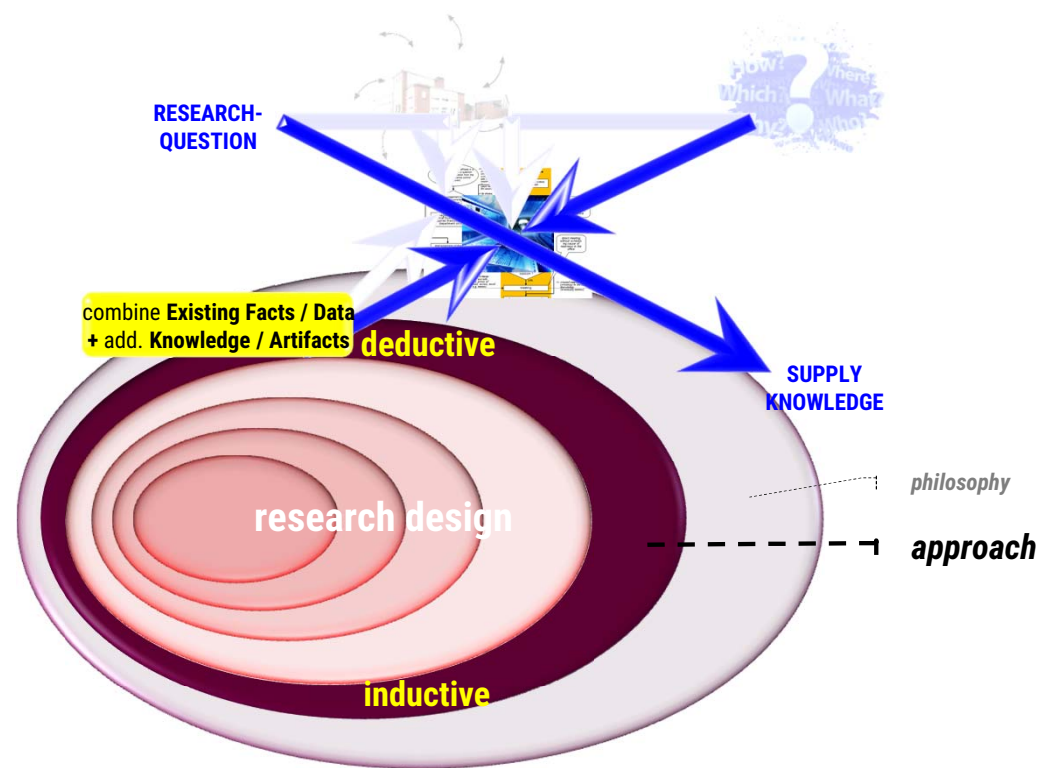
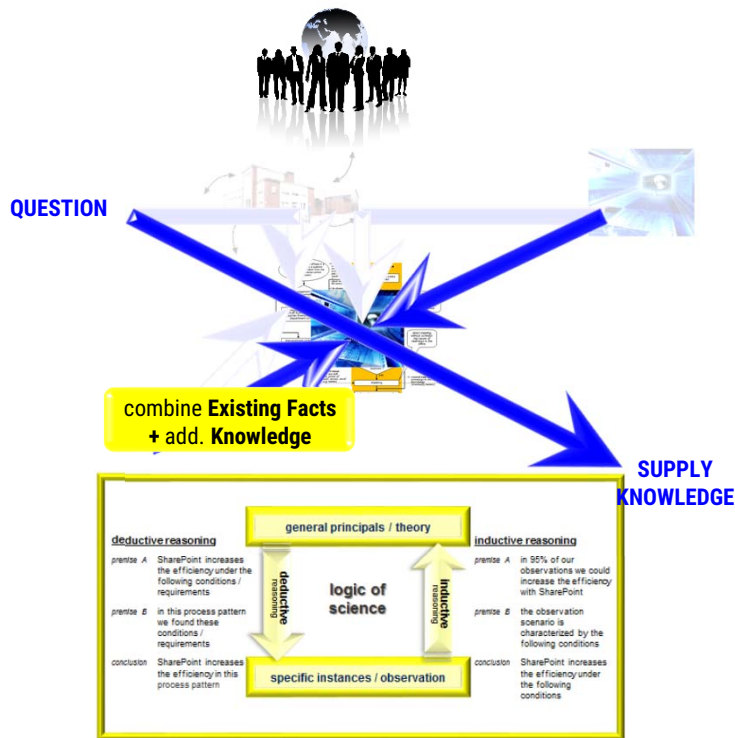
example : **add Knowledge**
SharePoint increases the efficiency under the following conditions / requirements



Rigor - the quality of being valid and strict in adhering to standards or methods



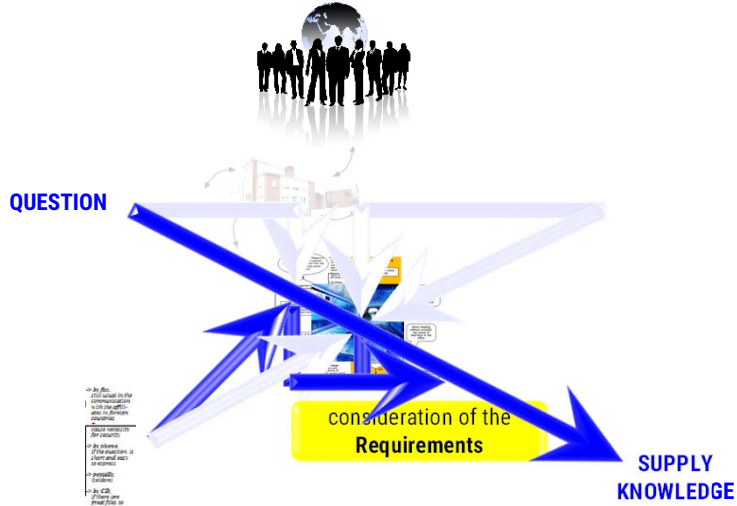
⇒ for comparison :
 In a master thesis or a PhD, we normally call this approach (of reasoning), based on a selected research design.



Rigor - the quality of being valid and strict in adhering to standards or methods



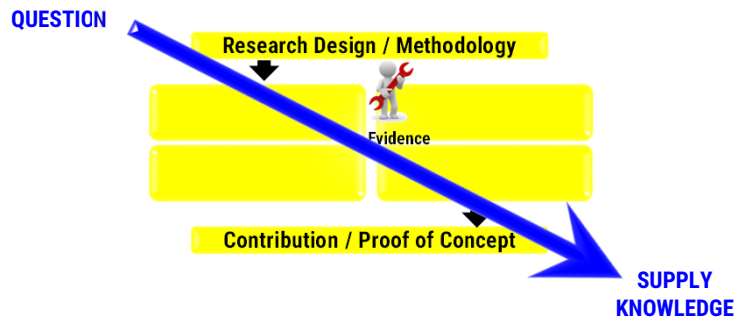
⇒ Working in the field of Business Informatics, we have to check whether the new combination meets the requirements ...



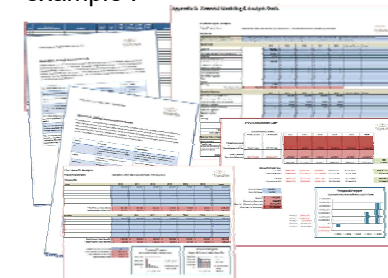
example :

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Verteilung eingehender Arbeitsaufträge													
Aufgaben bearbeitet werden, wenn													
1	Auftrag ist definiert	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	Phasenplan ist	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
3	Terminplan ist	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
4	Kostenplan ist	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
5	Konsequenzen des Arbeitsauftrags sind	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6	geplant für die Mitarbeiterführung	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
7	Zuständigkeit / Verantwortliche für Abklärung	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
8	Beste Arbeitsleistung erzielt werden kann	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
9	Erreichbar für endgenutzende Person	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
10	zusätzliche Kosten möglich	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
11	Zugriffrechte einrichtbar	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
12	ger. Aufwand für Erhebung Auftraggeber	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
13	genüge Info. für Best. Auftraggeber	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
14	Kommunikation möglich und Suche danach	ja	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Gesamtwertung (Ergebnis zum besten IST)			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

⇒ ... and to proof the quality / additional value of the new knowledge in an adequate and accepted way.



example :

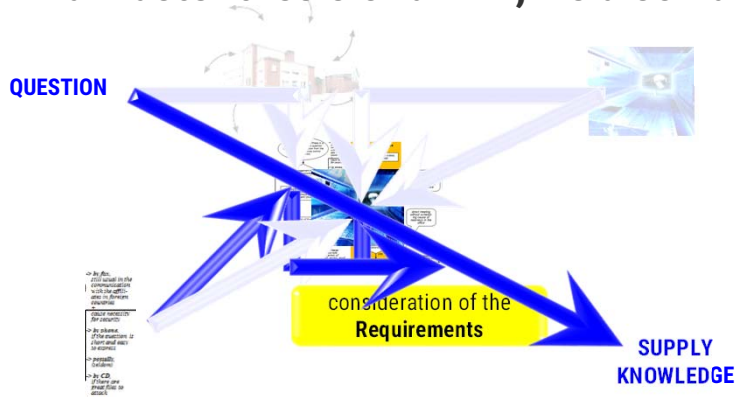


Rigor - the quality of being valid and strict in adhering to standards or methods

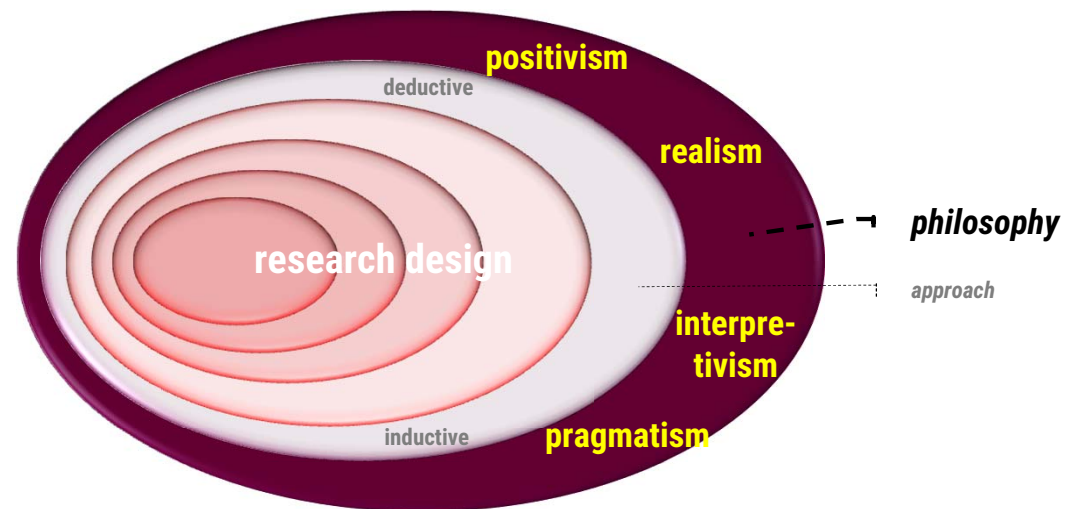
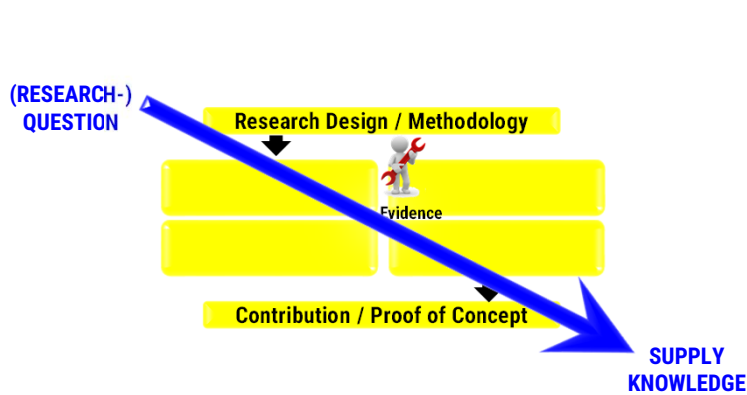


⇒ for comparison :

In a master thesis or a PhD, we also have to check whether the new findings fits into the selected context ...

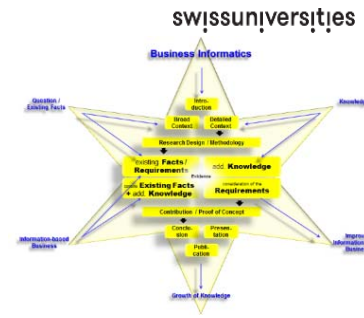


⇒ ... and to proof or disproof the selected statement / thesis in an adequate and accepted way.

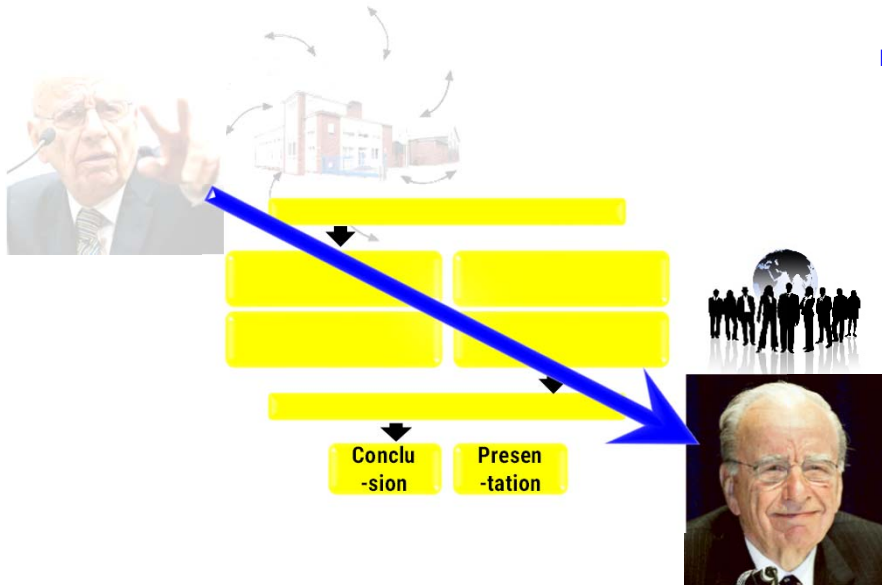


Rigor - the quality of being valid and strict in adhering to standards or methods

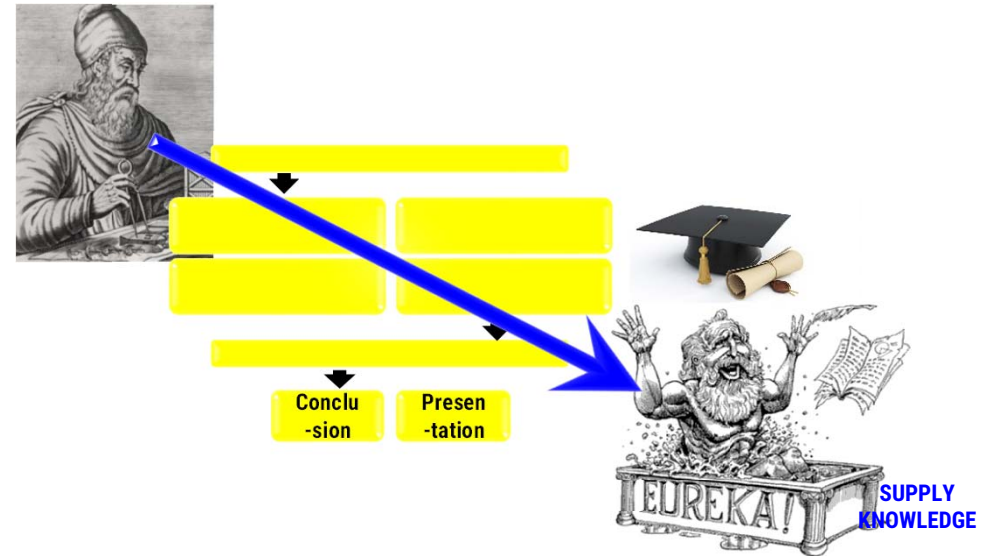
⇒ We have to present the new knowledge.



QUESTION



RESEARCH-QUESTION



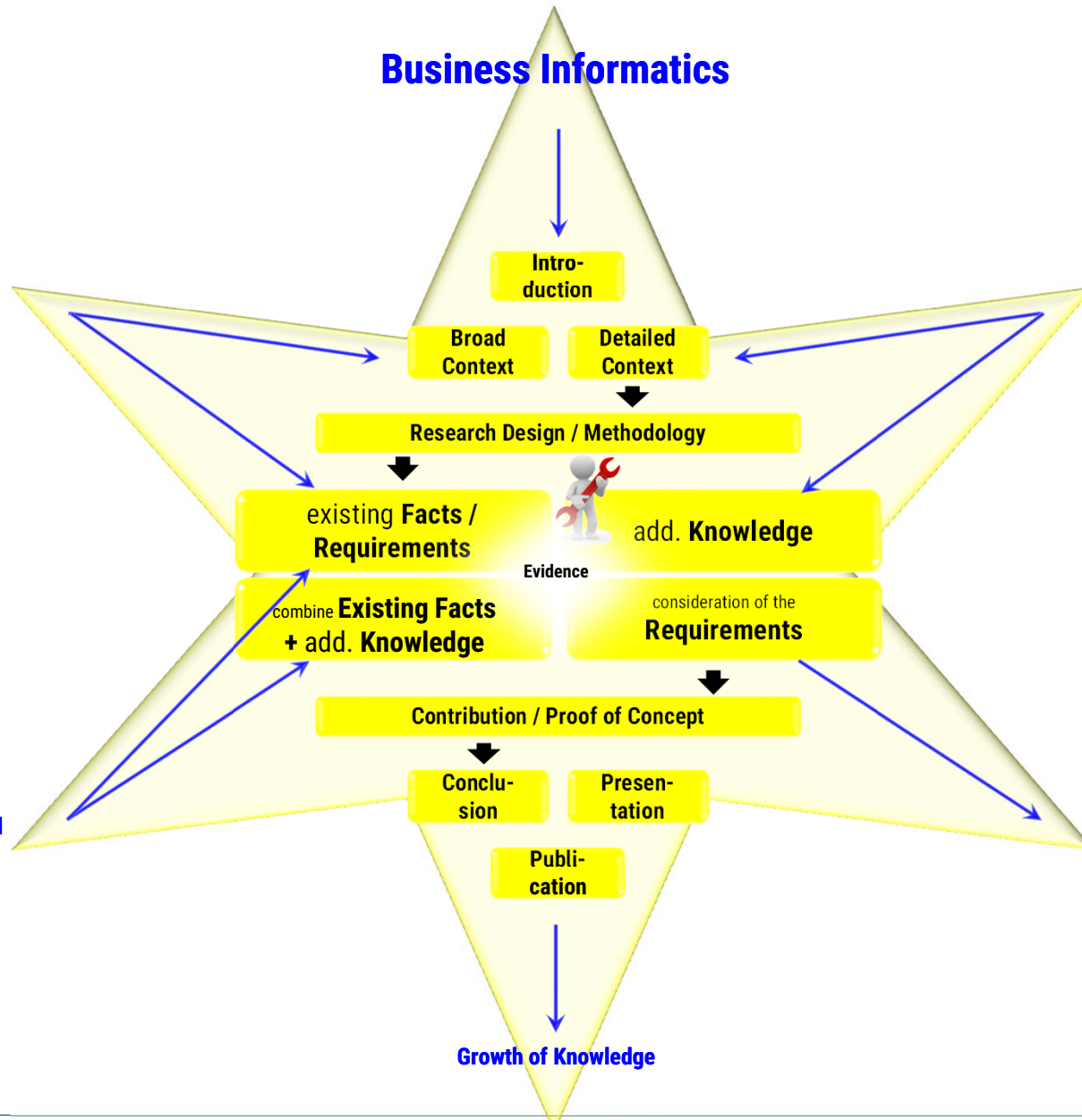
Star of Business Informatics



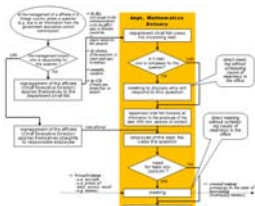
Question / Existing Facts



Knowledge



Information-based Business



Improved Information-based Business

