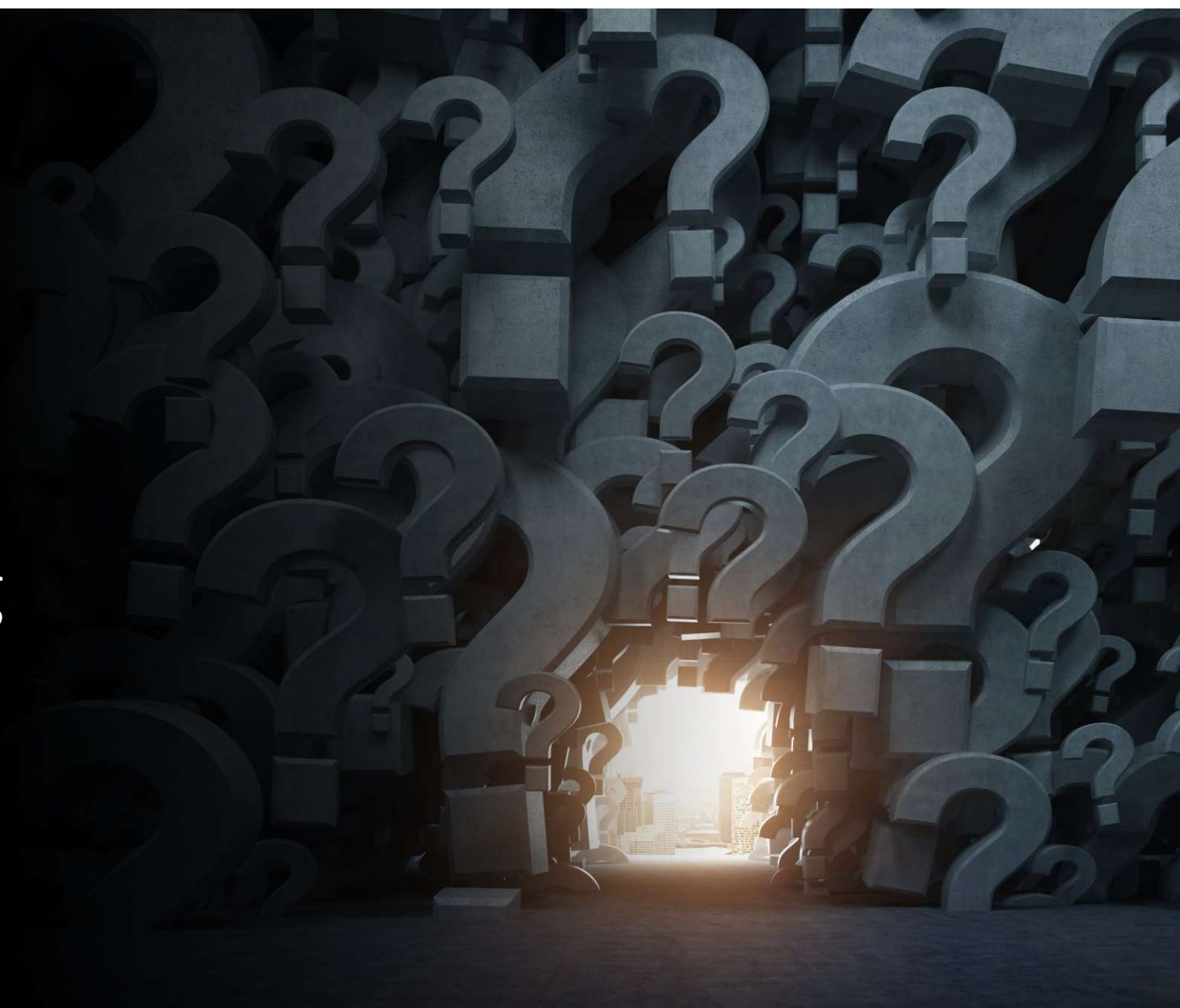
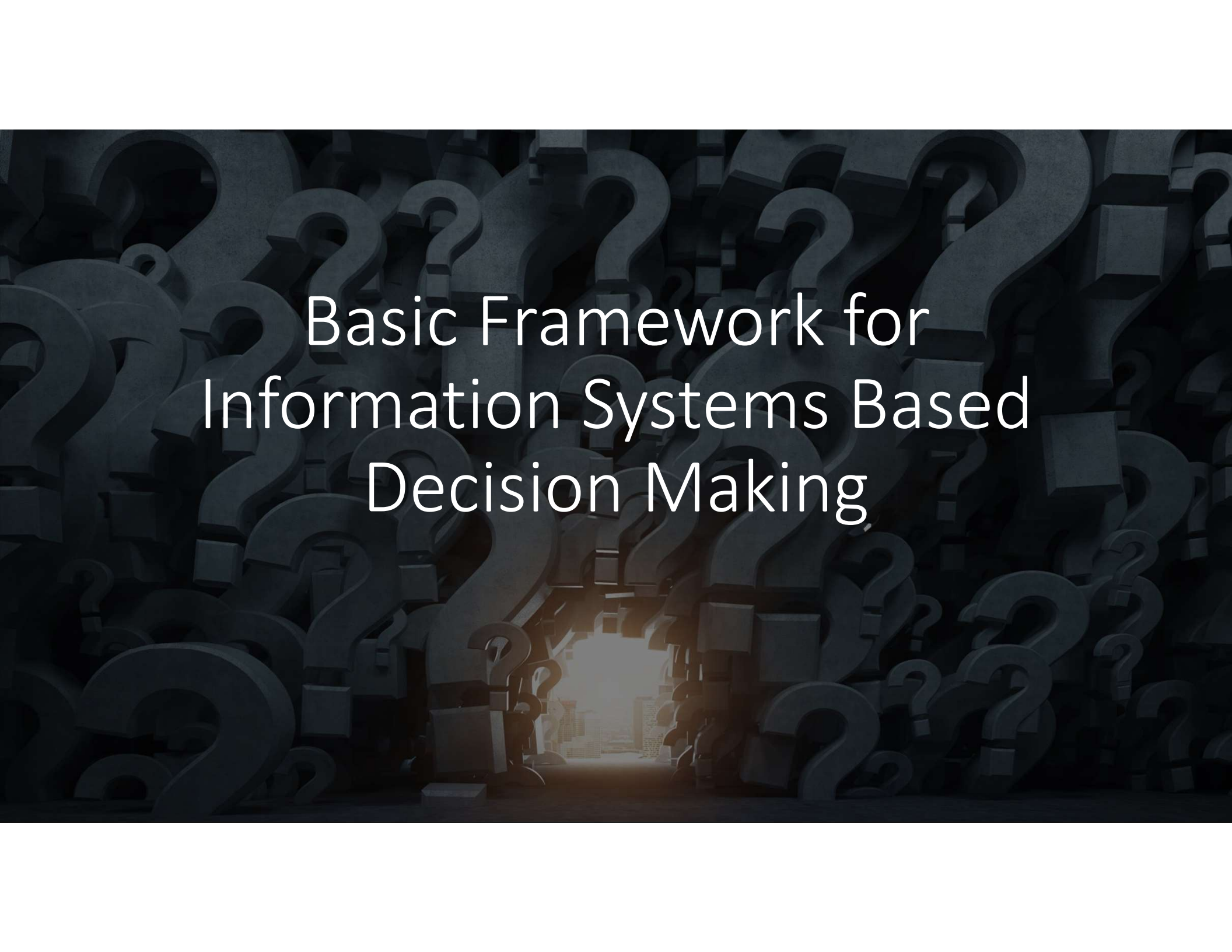


The concept of information system-based decision making

We uhhhhhhhhhhh yes wdk

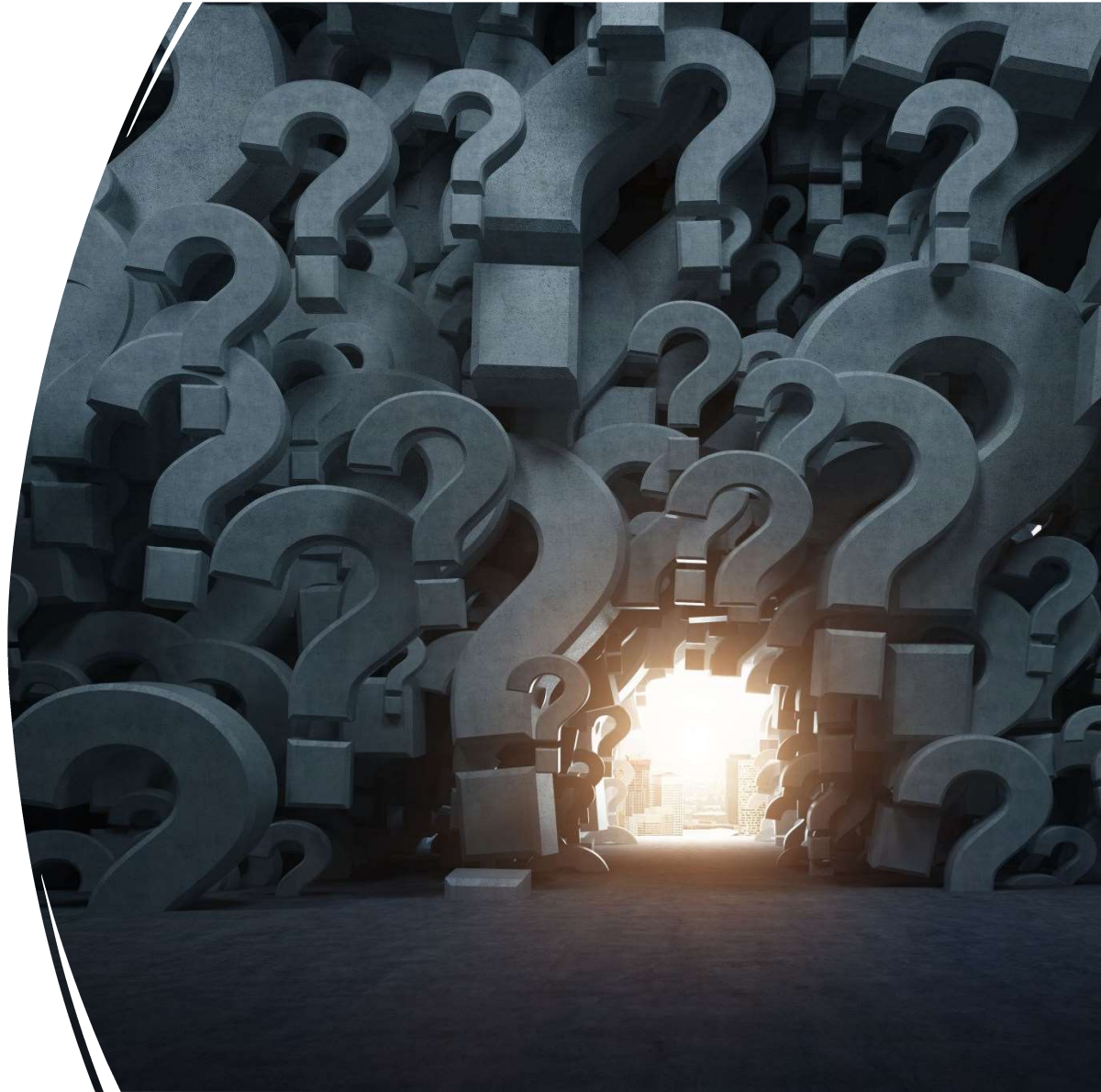




Basic Framework for Information Systems Based Decision Making

Understanding Decision Making

In general, decision making is an attempt to solve a problem by selecting existing alternative solutions.



Decision Making Techniques

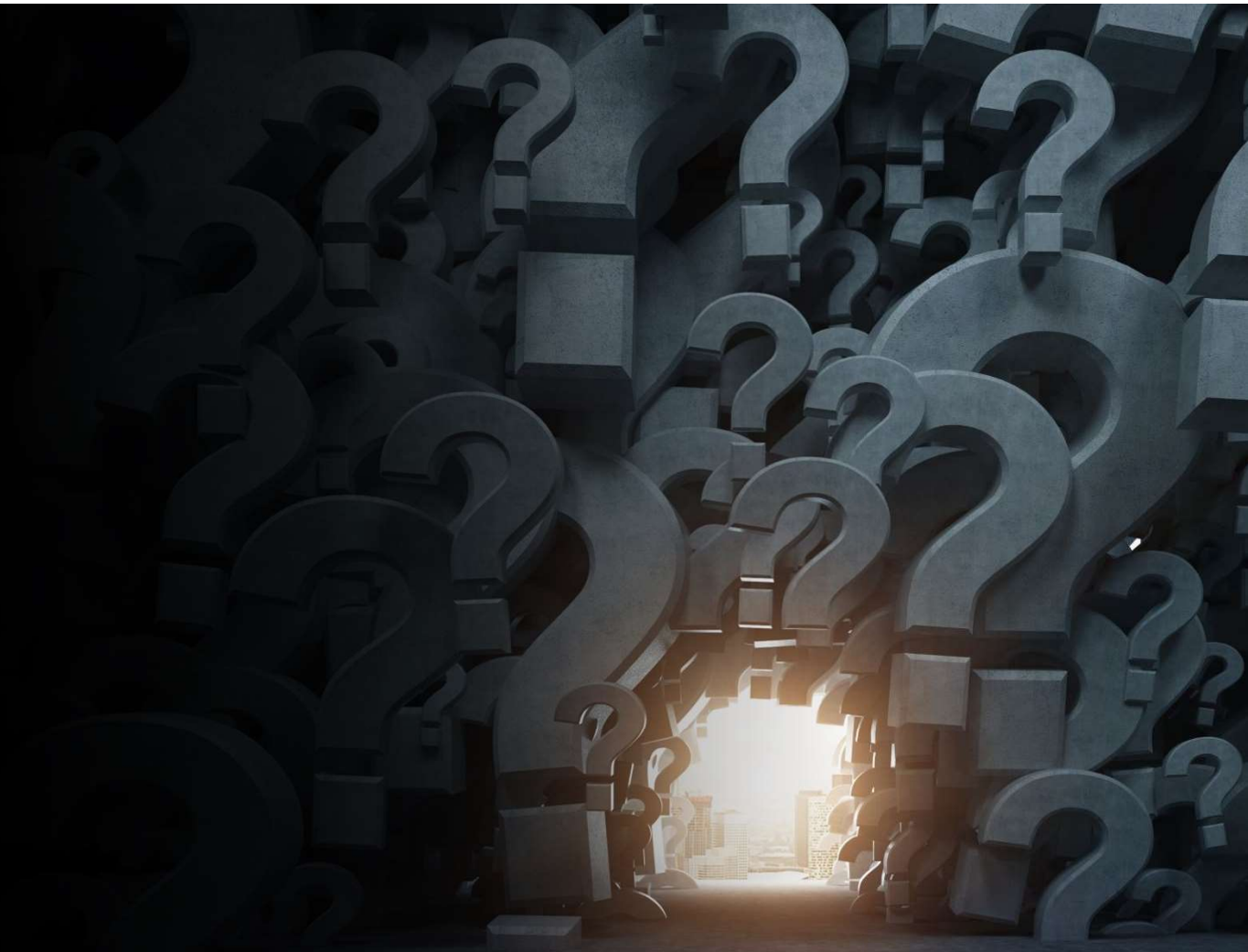
Teknik Pembuatan Keputusan Tradisional dan Modern

Tipe-tipe Keputusan	Teknik-teknik Pembuatan Keputusan	
	Tradisional	Modern
Diprogram: 1. Keputusan rutin dan berulang-ulang. 2. Organisasi mengembangkan proses khusus bagi penanganannya.	1. Kebiasaan 2. Kegiatan rutin: prosedur pengoperasian standar. 3. Struktur organisasi Pengharapan umum Sistem tujuan saluran informasi yang disusun dengan baik.	1. Teknik-teknik riset operasi: Analisis matematik; model-model simulasi komputer. 2. Pengolahan data elektronik.
Tidak Diprogram: 1. Keputusan sekali pakai, disusun tidak sehat, kebijaksanaan. 2. Ditangani dengan proses pemecahan masalah umum	1. Kebijakan institusi dan kreativitas. 2. Coba-coba. 3. Selektif dan latihan para pelaksana.	Teknik pemecahan masalah yang diterapkan pada: 1. Latihan membuat keputusan. 2. Penyusunan program-program komputer "heutistik".



Decision Making Techniques

- Understanding
- Planning
- Election



Decision Making Measurement Scale

The essence of decision making is a problem solving process. Quantitative benchmarks are used to facilitate comparisons. The scale of this benchmark is composed of existing limitations

Decision Making Measurement Scale

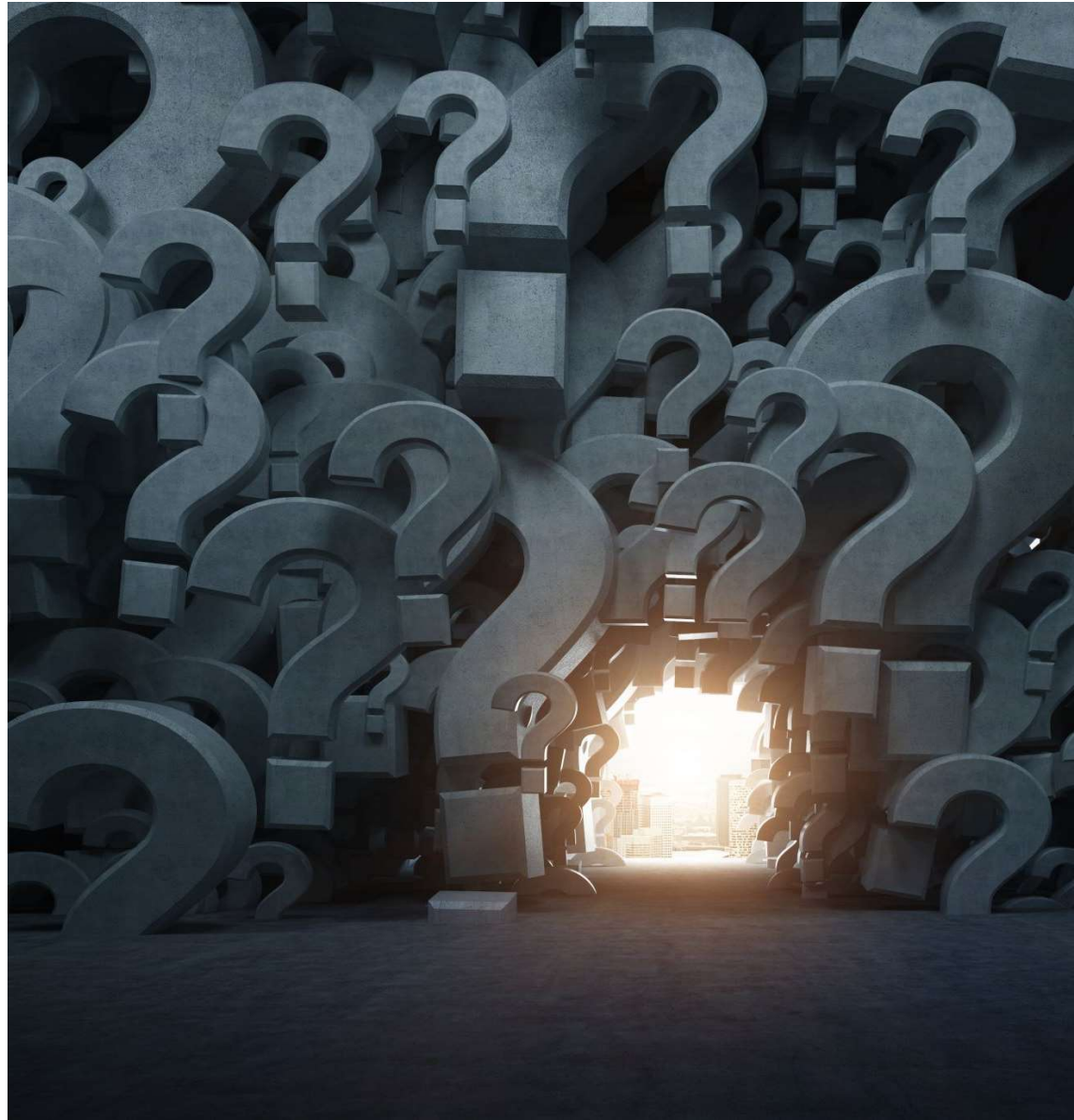
- Nominal Scale
- Ordinal Scale
- Interval Scale
- Ratio Scale
- Absolute Scale



Konsep Dasar Pengambilan Keputusan Manajemen

Basis and Factors for Decision Making

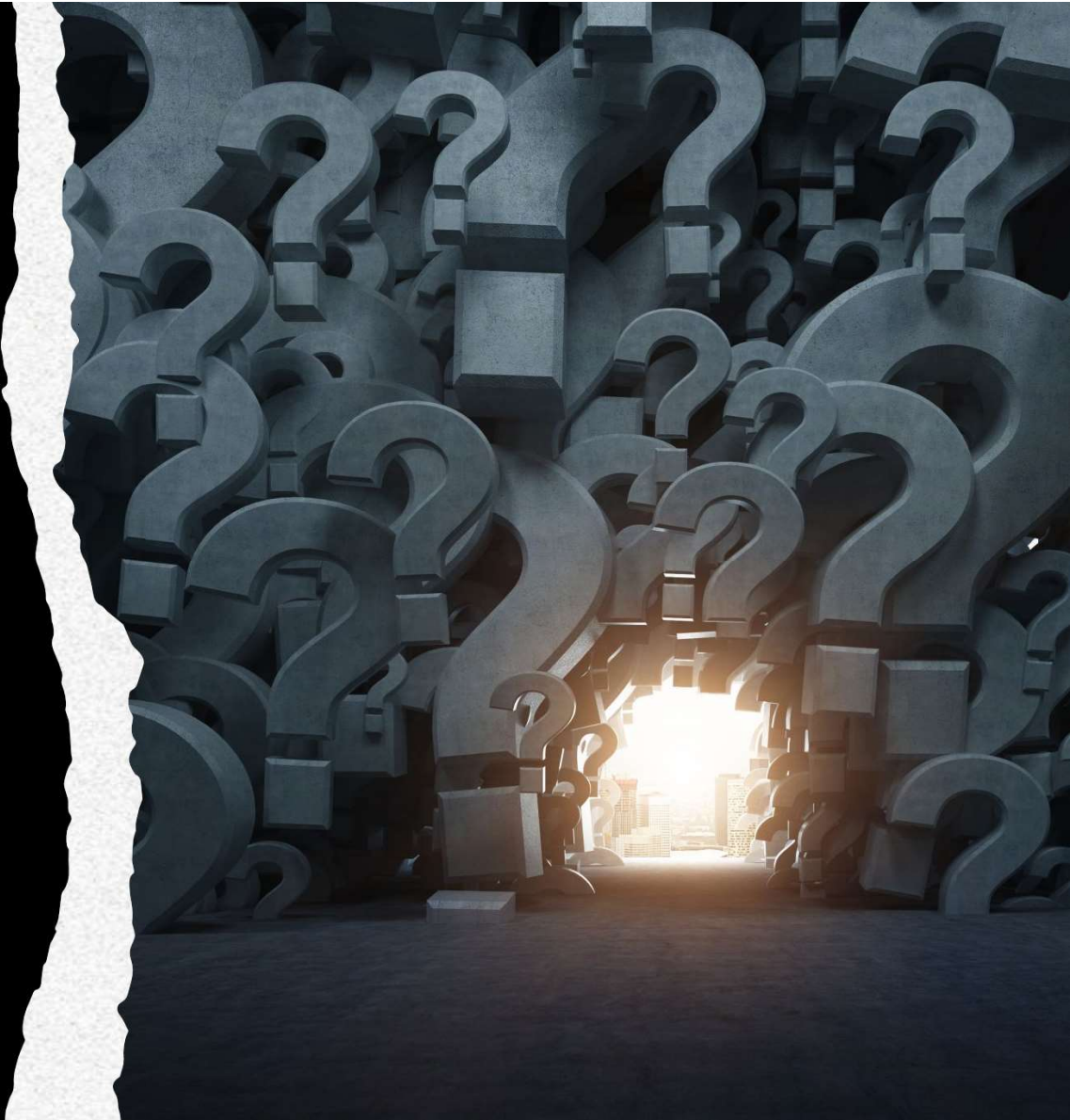
- Intuition
- Experience
- Authority
- Fact
- Rational



Decision-making factors

- Internal state of the organization
- Availability of required information
- External circumstances of the organization
- Personality and decision-making skills

Quantitative Methods in decision making



Operations research concept

- is a quantitative approach to decision making that uses scientific methods, mathematical models, and computers
- 7 main characteristics
 - Focused on decision making
 - Use of scientific methods
 - Use of mathematical models
 - Economic effectiveness
 - Computer dependent
 - Team approach
 - System organization

Operations research model

- The operations research model is a simplification of reality used to understand and solve problems
- Operation Research Model:
 - Linear programming
 - Queuing theory
 - Network analysis
 - Game theory
 - Markov chain model
 - Dynamic programs
 - Simulation

Operations research applications

- Inventory problems
- Allocation problems
- Queuing problems
- Sequencing issues
- Routing problems
- Replacement issues
- Competition issues
- Search problems

Decision making process

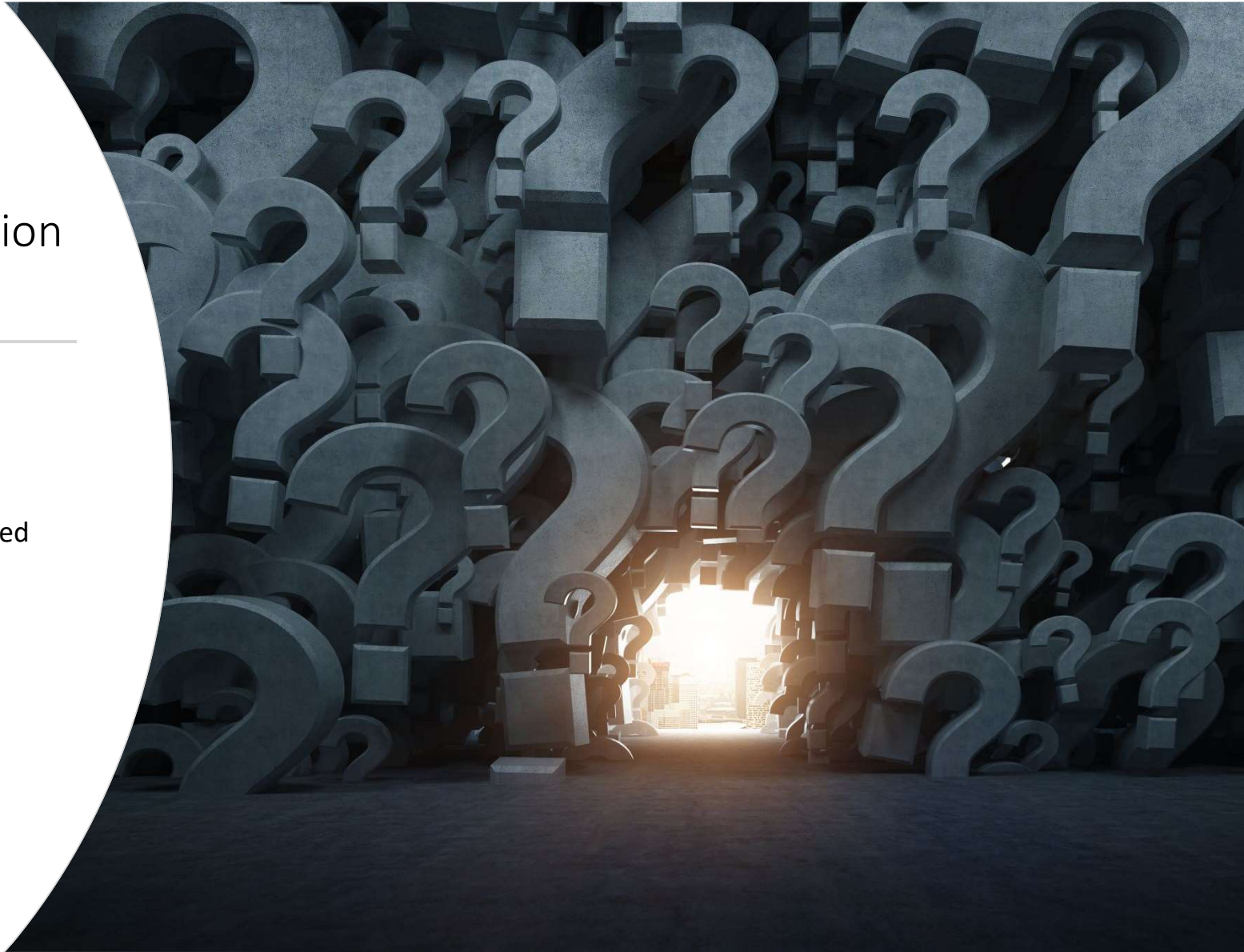
The decision making process is a series of activities to select the best alternative to solve a problem. There are various decision-making process models that can be used, depending on the complexity of the problem at hand.





Management Decision Type

- Programmed Decision
- Half/Partially Programmed Decision
- Unprogrammed / Unstructured Decision



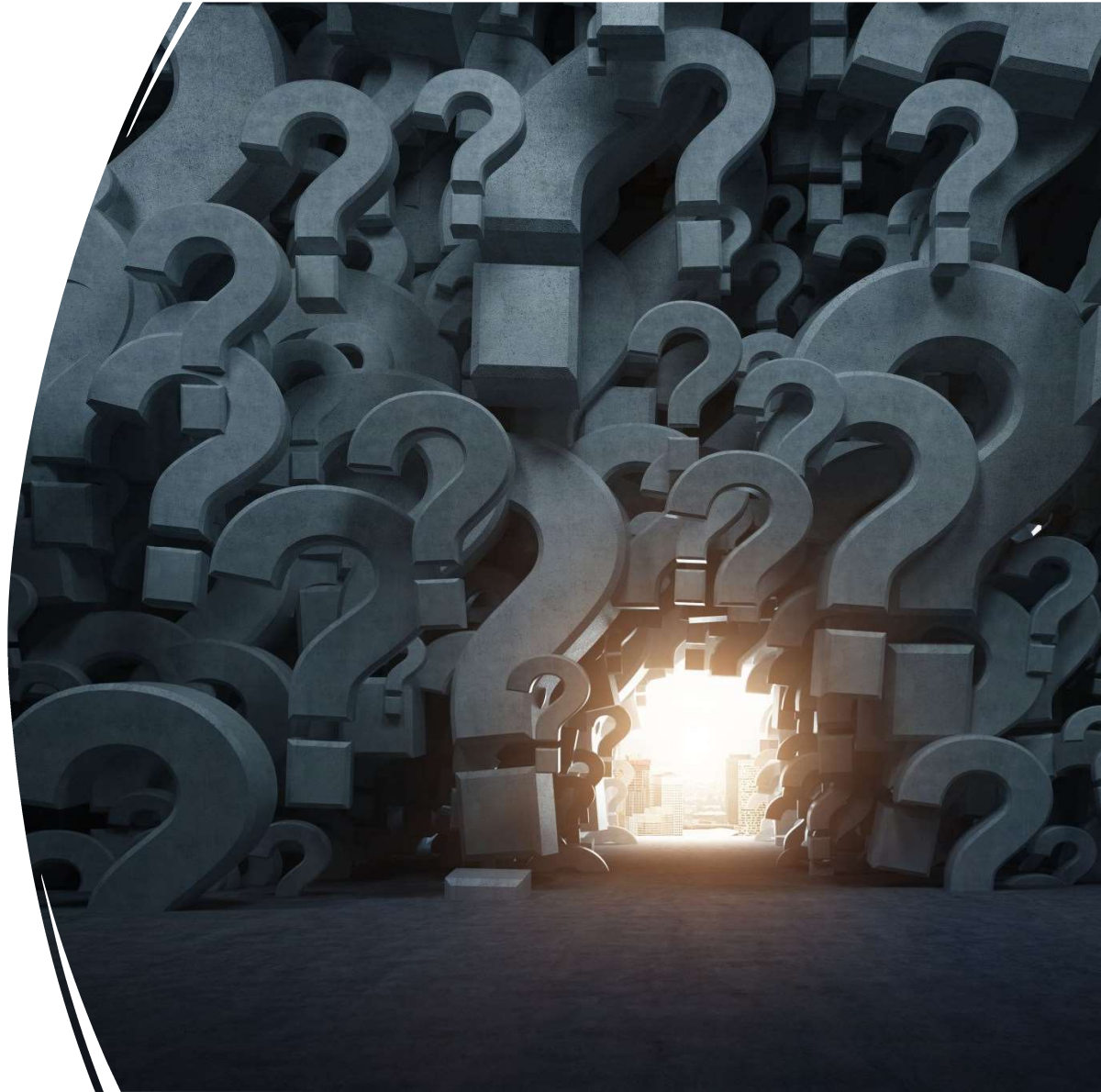


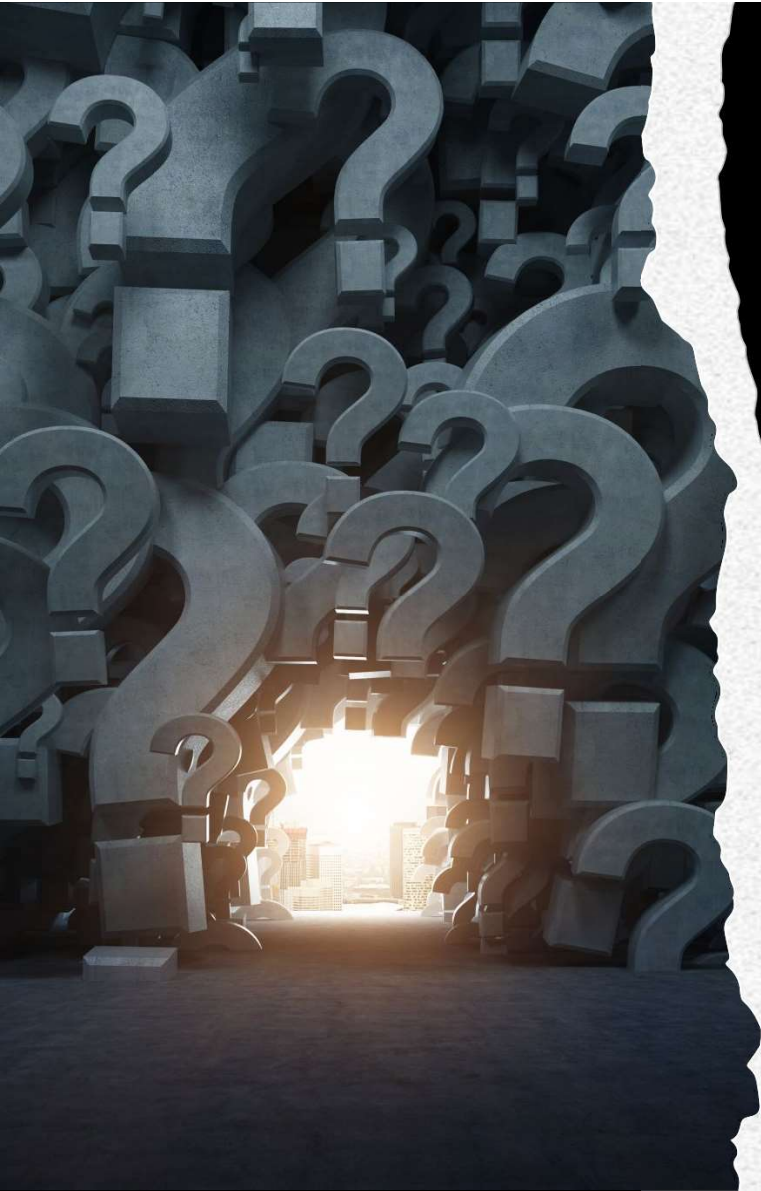
Mechanism, Stage, and Model of Decision Making in an Organization

Decision Making Mechanism in an Organization

Decision making mechanism is a set of activities that is done in order to solve a problem

- Understanding and Problem Formulation
- Collection and analysis of relevant data
- Choosing the best alternative
- Decision Implementation
- Evaluation



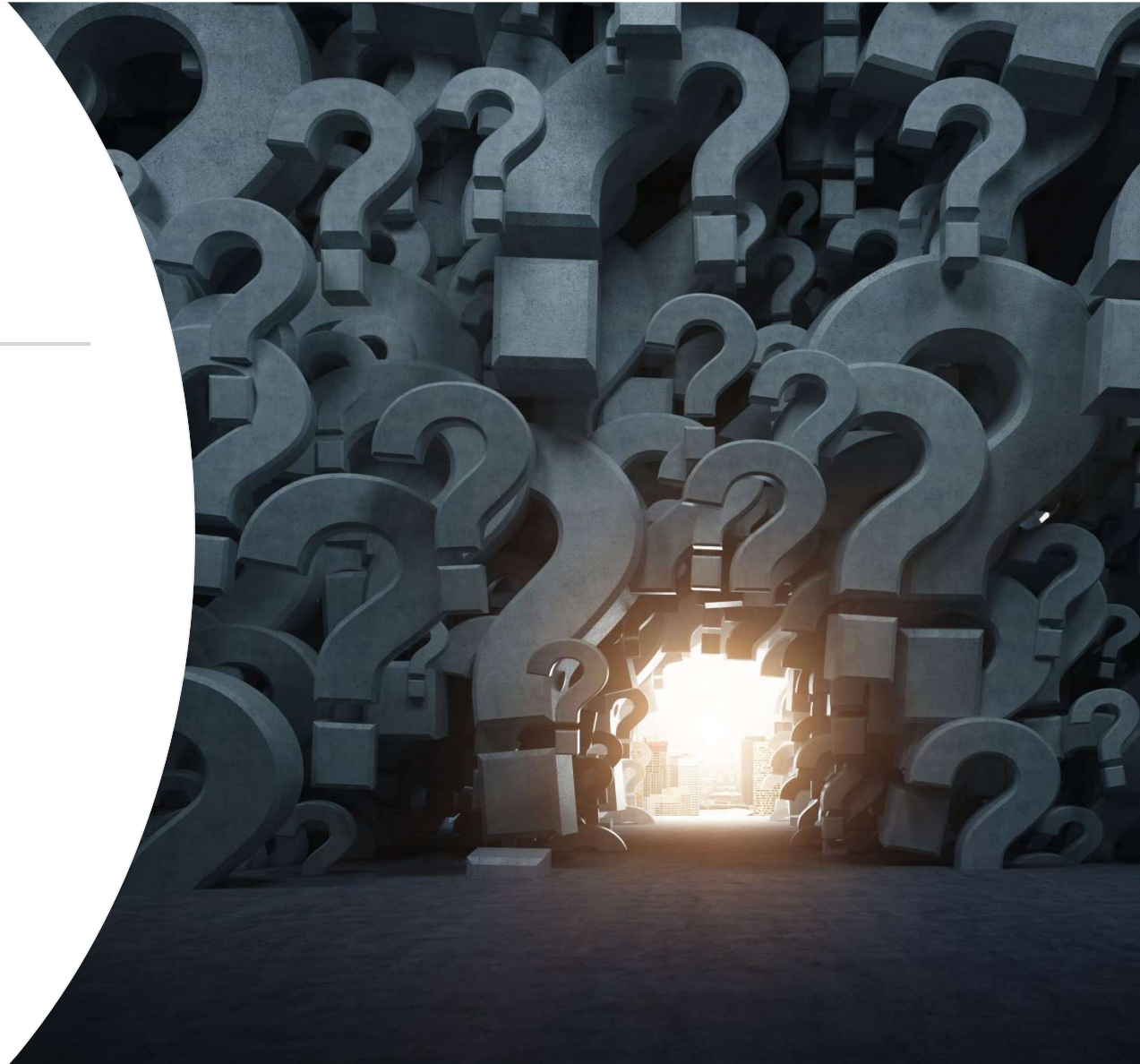


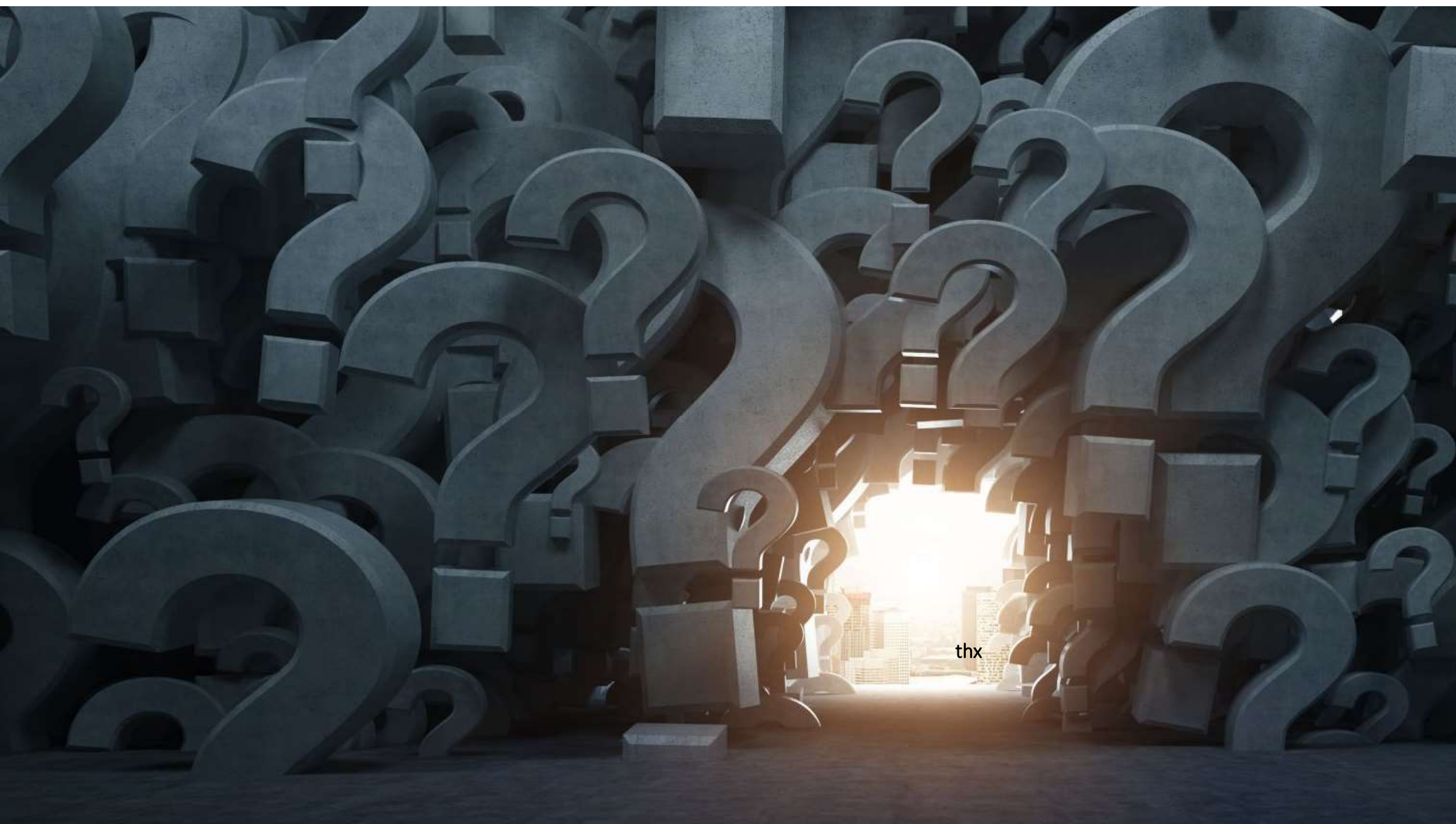
Decision Making Stage

There are 7 stages while making decision

Other types of Decision Making Models

- Mintzberg Decision Making Model
- Rational Decision Making Model
- Classic Decision Making Model
- Behavioral Decision Making Model
- Carnegie Decision Making Model
- Benefit Based Decision Making Model
- Problem Based Decision Making Model
- Field Based Decision Making Model
- Problem Tree Decision Making Model





thx