



# lecture 1

## English for Business

BOURAS Meriem

University of Oum El Bouaghi-Algeria

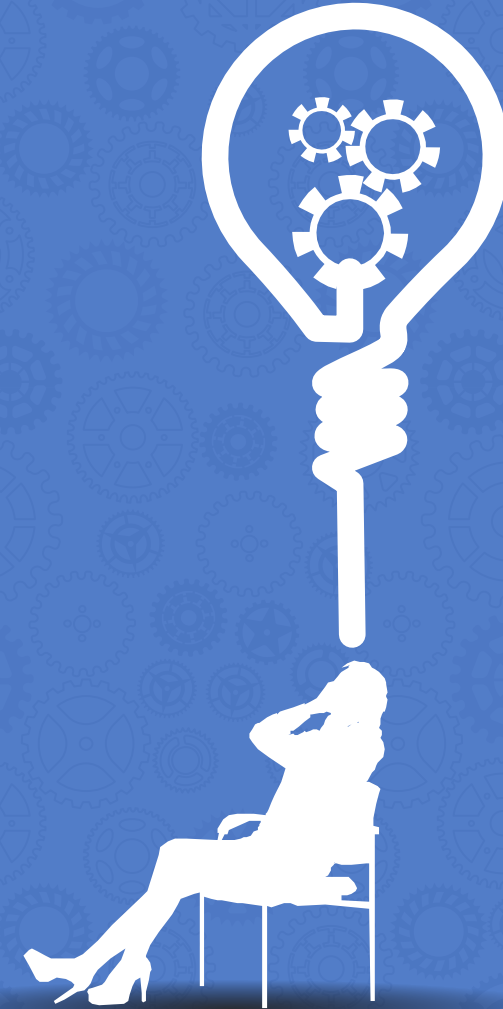
Academic year 2024-2025

debate

# Question

Is digitalization the best solution to fight bureaucracy in the Algerian administration?

“What is the difference between digitalization and digitization?”



# Section 01 **Digitalization in the accounting system**

From Bookkeeping to Strategic Advisory

# Contents

## Overview of digitalization in accounting

- ✓ Importance of incorporating digital tools in the accounting system

## Benefits of Digitalization in Accounting

- ✓ Improved efficiency
- ✓ Enhanced data accuracy
- ✓ Cost savings

## Digital Tools for Accounting

- ✓ Cloud accounting software
- ✓ Data analytics tools
- ✓ Electronic invoicing systems

## Challenges of Digitalization in Accounting

- ✓ Data security concerns
- ✓ Resistance to change
- ✓ Integration issues

## Conclusion

- ✓ Recommendations for successful implementation of digital tools in Algeria

# I. Overview of digitalization in accounting

## Transforming Accounting

Digitalization in accounting refers to the incorporation of digital technology, including artificial intelligence, cloud computing, and data analytics, to enhance traditional methods. It improves productivity and precision by automating repetitive procedures, enabling accountants to concentrate on strategic objectives. Digitalization facilitates immediate access to financial data, allowing for informed decision-making. In a worldwide economy, digitization is crucial for competitive advantage and sustainable operations. This cultural transformation reconfigures conventional roles while ensuring commitment to regulations.





II.

## Benefits of Digitalization in Accounting

---

The digitalization of accounting provides several advantages that transform the efficiency and precision of financial operations.



# Improved efficiency

**01**

Automation of  
repetitive tasks.

**02**

Reduction of  
human error.

**03**

Faster processing  
of financial data.

# Enhanced data accuracy

**01**

Real-time updates on financial information

**02**

Easy access to historical data for analysis

**03**

Reduced risk of data manipulation



# Cost savings

01

Reduced need for  
paper-based  
processes

Lower expenses  
related to manual  
data entry

02



Streamlined workflow  
leading to time  
savings

03



## III. Digital Tools for Accounting

The deployment of digital tools in accounting represents a significant leap forward for the profession as it enables practitioners to deliver services with unprecedented speed and reliability while safeguarding valuable fiscal information against evolving cyber threats.

# Cloud accounting software

These functionalities free up valuable time for accountants to focus on strategic analysis rather than manual bookkeeping tasks.



01

Ability to access data from anywhere

02

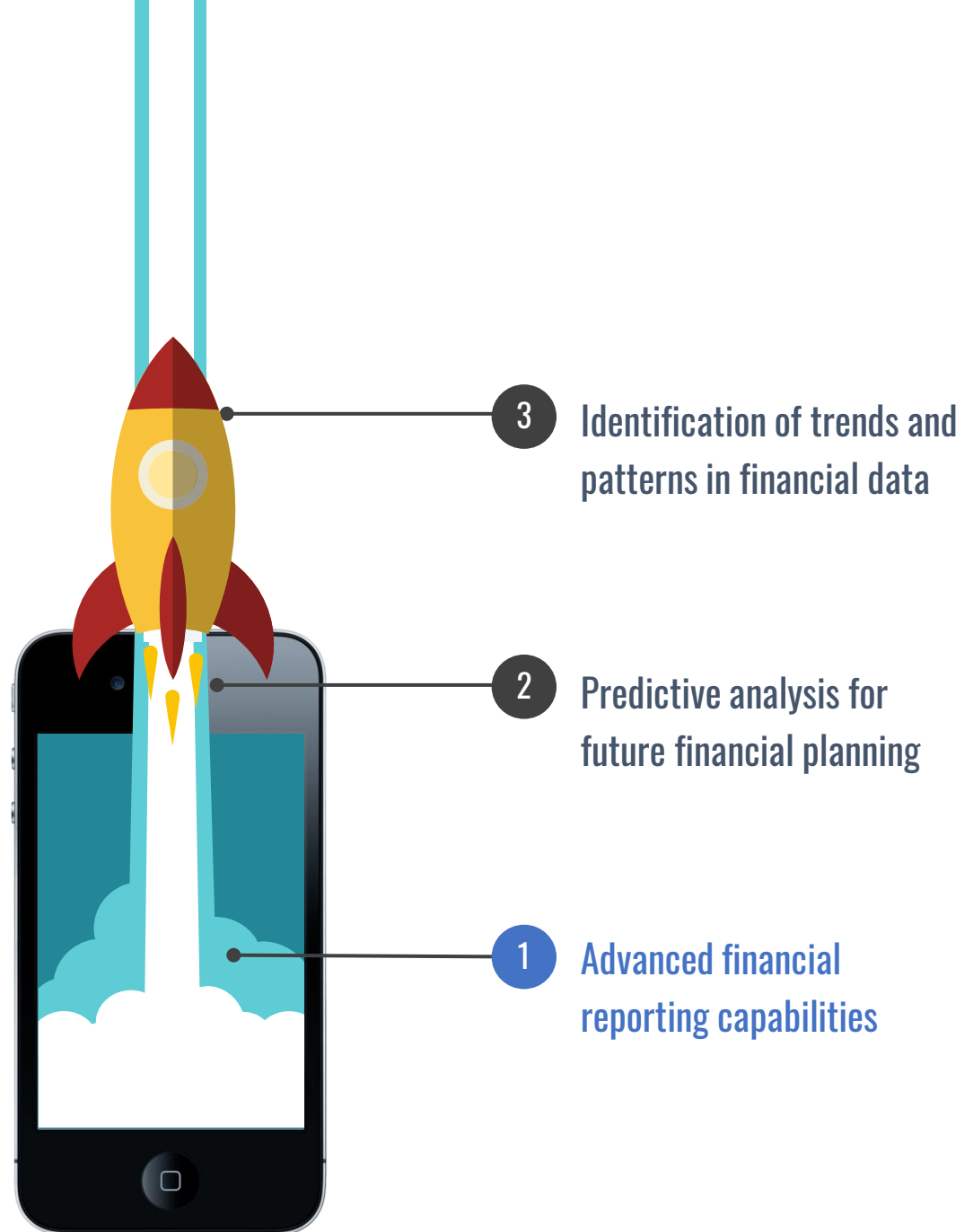
Collaboration among team members in real-time

03

Automatic backups for data security

# Data analytics tools

Consequently, companies employing robust data analytics tools within their accounting systems are not only able to maintain regulatory compliance with greater ease but also gain competitive advantages through insightful fiscal foresight and operational optimization.



# • Electronic invoicing systems

---

**01** Faster processing of invoices

Reduction of invoicing errors **02**

Integration with accounting software for seamless record-keeping **03**



# IV. Challenges of Digitalization in Accounting

The advent of digitalization in accounting has brought about significant changes, but it also presents many challenges that must be addressed to harness its full potential effectively.



# • Data security concerns

---



Risk of cyber-attacks and data breaches



Implementation of security measures to protect sensitive financial information



Compliance with data protection regulations

# • Resistance to change

---

Training employees  
on new digital tools

01

Overcoming reluctance to  
move away from traditional  
accounting methods

02

03

Ensuring a smooth  
transition to digital  
processes





- Integration issues



Compatibility of digital tools  
with existing systems



Data migration challenges



Coordination among different  
departments for effective  
digitalization



Students

# Creative ideas

---

01

How will digitalization in accounting influence Algeria's global competitiveness in the financial market?

02

Is it feasible for all Algerian businesses, including small and medium-sized enterprises (SMEs), to fully digitalize their accounting systems?

03

Should Algerian universities and training programs include digital accounting systems in their programs?

## Conclusion

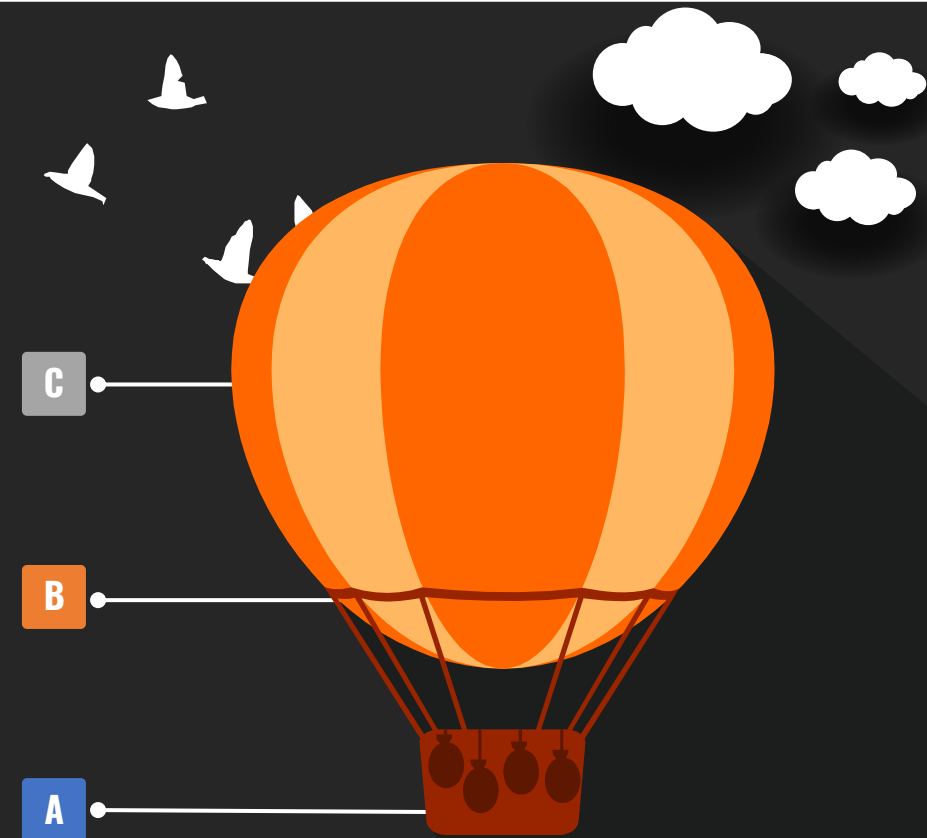
# Recommendations for successful implementation of digital tools IN ALGERIA

To successfully implement digital tools in the Algerian accounting system, a multifaceted approach is required that addresses both technical and cultural dimensions of change.

Develop supportive policies and regulations to encourage digital innovation

Provide training and capacity building for individuals and organizations

Invest in digital infrastructure to improve connectivity and access



# Q&A

◆ **Thanks For Your Attention**

[meriem.bouras.univ.oeb@gmail.com](mailto:meriem.bouras.univ.oeb@gmail.com)