

**The Impact of Innovation on Business Growth in Saudi
Organizations: An Analytical Study of Technological,
Administrative, and Marketing Dimensions.**

**أثر الابتكار في نمو الأعمال في المنظمات السعودية: دراسة تحليلية للأبعاد التكنولوجية
والإدارية والتسويقية.**

Prepared by /

Sumayya Anas Abdulhakeem

سمية أنس عبدالحكيم

ID: 253000613

Supervised by /

Dr. Al-Faisal Abdulhameed

Dr. Faiz Ali Jarad

Department of Human Resource Management

Midocean University

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1. Abstract

Arabic Abstract (المخلص العربي):

الأهداف: هدفت هذه الدراسة إلى استكشاف أثر الابتكار بأبعاده المتعددة (التكنولوجي، الإداري، والتسويقي) على نمو الأعمال في المنظمات السعودية.

مكان الدراسة: أجريت الدراسة في المملكة العربية السعودية.

المنهجية: اعتمدت الدراسة المنهج الوصفي التحليلي، وتم جمع البيانات عبر استبانة إلكترونية من عينة عشوائية طبقية بلغ حجمها (120) مشاركاً.

النتائج: أظهرت النتائج وجود علاقة إيجابية قوية ذات دلالة إحصائية بين الابتكار ونمو الأعمال، حيث فسر الابتكار (74.2%) من التغير في نمو الأعمال.

التوصيات: أوصت الدراسة بتبني المنظمات السعودية لاستراتيجيات ابتكارية شاملة، والاستثمار في البحث والتطوير، وتدريب الكوادر البشرية.

1. English Abstract:

Objectives: This study aimed to explore the impact of innovation across its multiple dimensions (technological, administrative, and marketing) on business growth in Saudi organizations.

Study Location: The study was conducted in the Kingdom of Saudi Arabia.

Methodology: The study adopted a descriptive analytical approach. Data were collected via an electronic questionnaire from a stratified random sample of (120) participants.

Results: The results revealed a strong positive statistically significant relationship between innovation and business growth, with innovation explaining (74.2%) of the variance in business growth.

Recommendations: The study recommends that Saudi organizations adopt comprehensive innovation strategies, invest in research and development, and train human resources.

2. Keywords

(الكلمات المفتاحية):

الابتكار التكنولوجي،

الابتكار الإداري،

الابتكار التسويقي،

نمو الأعمال،

. رؤية المملكة 2030

English Keywords:

Technological Innovation,

Administrative Innovation,

Marketing Innovation,

Business Growth

, Saudi Vision **2030**.

3. Introduction

In today's world, businesses face many changes and challenges. Technology is growing very fast, customers want different things, and competition is getting stronger every day. Because of all these changes, innovation has become one of the most important things for organizations to succeed and grow.

Innovation is not just about making small improvements. It means creating new ideas, developing them, and using them to make products, services, and processes better. When organizations innovate, they can create more value for their customers and for themselves.

In Saudi Arabia, innovation has become very important because of **Saudi Vision 2030**. This vision aims to make the economy stronger and less dependent on oil. It encourages businesses to use new ideas and technologies to grow and compete.

Many Saudi organizations are trying to be more innovative. However, we do not know exactly how much innovation helps them grow. This study tries to answer this question by looking at three types of innovation: technological, administrative, and marketing.

The purpose of this research is to understand how innovation affects business growth in Saudi organizations. This will help both researchers and business leaders make better decisions about innovation.

4. Research Content

4.1 Research Problem

Many organizations in **Saudi** Arabia try to use innovation to grow their business. **However**, not all of them succeed in turning their innovative ideas into real growth. This is a problem because they spend money and effort on innovation but do not always see good results.

One reason for this problem is that there is often a gap between what organizations plan to do and what they actually do. They may buy new technology or start innovation programs, but they do not change their culture or train their employees properly. **As** a result, they do not get the improvements they expected.

Another issue is that organizations operate in a very competitive environment. They need to keep innovating all the time, not just once in a while. But many organizations do not have good systems to manage innovation in a structured way.

Also, there are not many studies that look at how innovation affects business growth in Saudi Arabia. Most existing research focuses on just one type of innovation or does not measure growth properly.

Based on these issues, the main research question is: What is the impact of technological, administrative, and marketing innovation on business growth in Saudi organizations?

4.2 Significance of the Study

This study is important for three main reasons:

First: Theoretical Importance

- It adds new knowledge to the fields of innovation and business growth.
- It helps us understand innovation as something with many parts, not just one thing.
- It tests well-known theories in the Saudi context.
- It fills a gap in research about emerging economies, especially in the Gulf region.

Second: Practical Importance

- It helps managers understand how different types of innovation affect growth.
- It supports better decision-making about where to invest in innovation.
- It provides practical tools for measuring innovation performance.
- It helps leaders design better innovation strategies.

Third: National Importance

- It supports Saudi Vision 2030 goals.
- It shows how innovation can make Saudi organizations more competitive.
- It encourages creative and sustainable business practices.
- It contributes to policy discussions about innovation and economic development.

4.3 Research Objectives

This study aims to achieve the following objectives:

- 1) To assess the current level of innovation practices in Saudi organizations across technological, administrative, and marketing dimensions.
- 2) To evaluate the level of business growth in Saudi organizations using indicators like revenue growth, market share, productivity, and profitability.
- 3) To examine the relationship between innovation and business growth in Saudi organizations.
- 4) To determine how much each innovation dimension contributes to business growth.
- 5) To identify which innovation dimension has the strongest effect on growth.
- 6) To provide practical recommendations for improving innovation practices.

4.4 Research Questions

This study is guided by these research questions:

- 1) What is the current level of innovation practices in Saudi organizations?
- 2) How can business growth be measured in Saudi organizations?
- 3) Is there a significant relationship between innovation and business growth?
- 4) What is the individual impact of each innovation dimension on business growth?
- 5) Which innovation dimension has the strongest influence on growth?
- 6) How can Saudi organizations improve their innovation capabilities?

4.5 Research Hypotheses

Based on previous theories and research, the study proposes these hypotheses:

H0 (Null Hypothesis): There is no statistically significant relationship between innovation and business growth in Saudi organizations.

H1 (Main Hypothesis): There is a statistically significant relationship between innovation and business growth in Saudi organizations.

H2: Technological innovation has a significant positive impact on business growth.

H3: Administrative innovation has a significant positive impact on business growth.

H4: Marketing innovation has a significant positive impact on business growth.

4.6 Theoretical Framework

This study is based on several established theories:

- 1) Schumpeter's Theory of Innovation (1934): Schumpeter said that economic growth happens through "creative destruction." This means new innovations replace old ways of doing things, which creates new opportunities for growth.
- 2) Resource-Based View (Barney, 1991): This theory says that organizations gain competitive advantage by having unique resources. Innovation is one of the most important resources for long-term success.
- 3) Open Innovation Theory (**Chesbrough, 2003**): This model suggests that organizations can innovate better by combining their own knowledge with ideas from outside.
- 4) Diffusion of Innovation Theory (Rogers, **2003**): This explains how innovations spread within organizations over time.
- 5) Innovation Management Model (**Tidd & Bessant, 2018**): This views innovation as a structured process involving idea generation, selection, implementation, and evaluation.

4.7 Conceptual Framework

This study assumes that innovation in its three dimensions (**technological**, administrative, and marketing) influences business growth. The conceptual model is shown below:

Independent Variable: Innovation Influences Dependent Variable: Business Growth

1. Technological Innovation → **Revenue** Growth
2. Administrative Innovation → **Market** Share Growth
3. Marketing Innovation → **Productivity** Improvement
4. Profitability Enhancement

4.8 Research Methodology

4.8.1 Research Design

This study used a quantitative descriptive analytical design. This is suitable for examining relationships between variables and testing hypotheses. The descriptive part describes the current state of innovation and growth, while the analytical part examines how they are related.

4.8.2 Population and Sample

The population included employees and managers working in various Saudi organizations (public and private sectors). A stratified random sampling technique was used.

The sample size was **120** participants out of **150** distributed questionnaires, giving a response rate of **80%**.

4.8.3 Data Collection Instrument

Section	Content	Number of Items
A	Demographic Information	6 variables
B	Innovation (Independent Variable)	15 items
C	Business Growth (Dependent Variable)	12 items

4.8.4 Reliability (Cronbach's Alpha)

Scale	Cronbach's Alpha
Innovation (overall)	0.91
Business Growth (overall)	0.89
Entire questionnaire	0.93

5. Research Results

5.1.1 Sample Demographic Characteristics

Characteristic	Category	Percentage
Gender	Male	60.0%
	Female	40.0%
Age	20-29 years	15.0%
	30-40 years	43.3%
	41-50 years	29.2%
	51+ years	12.5%
Education	Bachelor's	56.7%
	Master's	30.8%
	PhD	8.3%
	Other	4.2%
Experience	Less than 5 years	18.3%
	5-10 years	40.0%
	11-15 years	26.7%
	More than 15 years	15.0%
Sector	Public	43.3%
	Private	56.7%

5.1.2 Innovation and Business Growth Levels

Variable	Mean	Standard Deviation
Technological Innovation	3.85	0.72
Administrative Innovation	3.72	0.68
Marketing Innovation	3.91	0.74
Overall Innovation	3.83	0.71
Revenue Growth	3.65	0.82
Market Share Growth	3.58	0.79
Productivity Improvement	3.80	0.76
Profitability Enhancement	3.70	0.80
Overall Business Growth	3.68	0.79

5.2.1 Correlation Analysis

Variables	Correlation (r)	Significance
Overall Innovation ↔ Business Growth	0.862	0.000
Technological Innovation ↔ Business Growth	0.801	0.000
Administrative Innovation ↔ Business Growth	0.785	0.000
Marketing Innovation ↔ Business Growth	0.827	0.000

5.2.2 Regression Analysis

Simple Regression (Overall Effect):

R ²	0.742
Adjusted R ²	0.738
F-value	340.25
Significance	0.000
Standardized β	0.862
t-value	18.45

Multiple Regression (Individual Dimensions):

Dimension	β	t-value	Significance
Technological Innovation	0.401	4.63	0.000
Administrative Innovation	0.298	3.44	0.001
Marketing Innovation	0.385	4.64	0.000

5.2.3 Hypothesis Testing Results

Hypothesis	Result	Decision
H0 (No relationship)	$\beta = 0.862, p < 0.01$	Rejected
H1 (Relationship exists)	$\beta = 0.862, p < 0.01$	Accepted
H2 (Technological impact)	$\beta = 0.401, p < 0.01$	Accepted
H3 (Administrative impact)	$\beta = 0.298, p < 0.01$	Accepted
H4 (Marketing impact)	$\beta = 0.385, p < 0.01$	Accepted

6. Recommendations and Suggestions

- 1) Develop a Comprehensive Innovation Strategy: Saudi organizations should create clear innovation strategies aligned with their goals.
- 2) Invest More in Technology: Continue investing in AI, digital systems, and automation.
- 3) Build a Culture of Innovation: Encourage employees to share new ideas.
- 4) Strengthen R&D: Allocate more resources and collaborate with research centers.
- 5) Improve Marketing Innovation: Adopt digital marketing and data analysis.
- 6) Develop Human Capital: Invest in training and skill development.
- 7) Measure Performance: Develop clear indicators to evaluate innovation efforts.

6.2 Suggestions for Future Research

- 1) Larger Samples: Future studies should use larger samples covering more industries and regions in Saudi Arabia.
- 2) Comparative Studies: Research should compare innovation across different sectors like manufacturing, services, and technology.
- 3) Longitudinal Studies: Researchers should study innovation effects over time rather than just at one point.
- 4) Additional Variables: Future research could include other factors like organizational culture, leadership style, and digital transformation capability.
- 5) Qualitative Studies: In-depth interviews could provide deeper insights into how organizations innovate and grow.

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