

**THE INFLUENCE OF MARKET ORIENTATION ON THE  
PERFORMANCE OF STUDENTS' OWNED BUSINESSES IN  
UNIVERSITI UTARA MALAYSIA**

**NUUR ATIKAH BINTI GHAZALI**

**UNIVERSITI UTARA MALAYSIA  
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PERFORMANCE OF STUDENTS' OWNED BUSINESSES IN  
UNIVERSITI UTARA MALAYSIA**

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**Thesis Submitted to the Centre for Graduate Studies,  
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# ABSTRACT

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This study investigates the influence of market orientation on student owned businesses performance in University Utara Malaysia (UUM) main campus. The objectives of the study were 1) to examine the level of market orientation that being practice by students own business in UUM and 2) to determine the relationship between market orientation and business performance among small business in UUM. This study used market orientation itself and its elements that are 1) customer orientation, 2) competitor orientation and 3) inter-functional coordination to find the relationship with business performance and its elements which is profit and sales. Data from 44 students' own businesses in UUM were used to test the relationships and hypothesis level of market orientation with its element by using mean and correlation analysis. Furthermore, the data of the respondents also being used to find the relationship between market orientation and business performance by using multiple regression analysis. From the correlation and multiple regression analysis, the result indicates that the level of market orientation that being practice by student own business in UUM are in a moderate level. Moreover, student own business in UUM are also implementing overall market orientation in their business which can leads them to a better performance in future. Recommendations to improve students' owned businesses were also discussed.

# ABSTRAK

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Kajian ini meneliti pengaruh orientasi pasaran terhadap prestasi perniagaan pelajar yang membuka perniagaan sendiri di kampus utama Universiti Utara Malaysia (UUM). Tujuan kajian ini adalah 1) untuk menguji tahap orientasi pasaran yang diamalkan oleh mahasiswa yang membuka perniagaan sendiri di UUM dan 2) untuk menentukan hubungan di antara orientasi pasaran dan prestasi perniagaan mahasiswa yang membuka perniagaan di UUM. Penyelidikan ini menggunakan orientasi pasaran dan elemen-elemennya iaitu 1) orientasi pelanggan, 2) orientasi pesaing dan 3) koordinasi fungsi dalaman untuk mencari hubungan diantara prestasi perniagaan yang diukur menggunakan keuntungan dan jualan mereka. Untuk mengkaji perhubungan diantara pembolehubah-pembolehubah tersebut, kutipan data daripada 44 orang pelajar yang membuka perniagaan sendiri di UUM digunakan untuk menguji hipotesis tahap orientasi pasaran mereka. Hipotesis ini diukur dengan menggunakan analisa mean dan korelasi. Selanjutnya, data daripada responden juga digunakan untuk mencari hubungan di antara orientasi pasaran dan prestasi perniagaan dengan menggunakan analisis regresi berganda. Daripada hasil dapatan analisis korelasi dan analisis regresi berganda, menunjukkan bahawa tahap orientasi pasaran yang diamalkan oleh pelajar yang mempunyai perniagaan sendiri di UUM masih berada dalam tahap yang sederhana. Selain itu, dapatan kajian juga menunjukkan bahawa pelajar-pelajar ini telah mengaplikasikan orientasi pasaran secara keseluruhan, dan ini akan membuka jalan untuk mereka terus maju dalam membangunkan prestasi perniagaan mereka. Disamping itu, cadangan untuk meningkatkan prestasi pencapaian perniagaan yang dijalankan oleh pelajar-pelajar UUM ini juga di perbincangkan di dalam kajian ini.

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# 1

## INTRODUCTION

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### 1.0 CHAPTER INTRODUCTION

This study explores the influence of market orientation on the performance of students' owned businesses in Universiti Utara Malaysia. This chapter contains: background of the study, problem statement, purpose of the study, research questions, significant of the study, scope, and limitation of the study, and also organizations of this study.

### 1.1 BACKGROUND OF THE STUDY

Businessmen or entrepreneurs play an important role in the economic growth and development of a nation. It purposeful activity includes in the beginning, promotion, and distribution of wealth and service. An entrepreneur is a critical factor in economic development and an integral part of the socio-economic transformation. It is a risk taking activity and challenging tasks, needs utmost devotion, total commitment and greater sincerity with fullest involvement for personal growth and personality. The entrepreneurial career is not a one day job. Prosperity and success never comes easily. It takes time and needs hard work. In addition, successful entrepreneurs need a systematic planning and business penetration to achieve the goals.

The contents of  
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internal user  
only

# REFERENCES

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- Agarwal, S., Erramilli, K. and Dev, C. (2003), "Market orientation and performance in service firms: role of innovation", *Journal of Services Marketing*, Vol. 17 No. 1, pp. 68-82.
- Adu, K. A., & Singh, S. (1998). Customer orientation and performance: a study of SMEs. *Management Decision*, 36(6):385-394
- Agarwal, S., Erramilli, M. K., & Dev, C. S. (2003). Market orientation and performance in service firms: role of innovation. *Journal of service marketing*, 17(1):68-82
- Akimova, I. (2000). Development of market orientation and competitiveness of Ukrainian Firms. *European Journal of Marketing*, 34(9/10):1128-1148.
- Anderson, E.W. and Mittal, V. (2000), "Strengthening the satisfaction-profit chain", *Journal of Service Research*, Vol. 3 No. 2, pp. 107-20.
- Anderson, M. and Sohal, A.S. (1999), "A study of the relationship between quality management practices and performance in small businesses", *International Journal of Quality & Reliability Management*, Vol. 16 No. 9, pp. 859-77.
- Appiah-Adu, K., Fyall, A. and Singh, S. (2001), "Marketing effectiveness and business performance in the financial services industry", *Journal of Services Marketing*, Vol. 15 No. 1, pp. 18-34.
- Atuahene-Gima, K. (1996), "Market orientation and innovation", *Journal of Business Research*, Vol. 35, pp. 93-103.
- Avlonitis, G. J., & Gounaris, S. P. (1999). Marketing orientation and its determinants: an empirical analysis. *European Journal of Marketing*, 33(11/12):1003-1037.
- Benito, O. S. G., et al. (2009). Role of entrepreneurship and market orientation in firms' success. *European Journal of Marketing*, 43(3/4):500-522
- Bhuian, S. and Abdul-Gader, A. (1997), "Market orientation in the hospital industry", *Marketing Health Services*, Winter, pp. 37-45.
- Bigne, E. & Blesa, A. (2003). Market orientation, trust and satisfaction in dyadic relationships: a manufacturer-retailer analysis. *International Journal of Retail & Distribution Management*, 31(11):574-590.

- Blankson, C., Motwani, J. G., & Levenburg, N. M. (2006). Understanding the patterns of market orientation among small businesses. *Marketing Intelligence & Planning*, 24(6):572-590
- Cano, C., Carrillat, F. and Jaramillo, F. (2004), "A meta-analysis of the relationship between market orientation and business performance: evidence from five continents", *International Journal of Research in Marketing*, Vol. 21, pp. 79-200.
- Capon, N., Farley, J.U. and Hoenig, S. (1990), "Determinants of financial performance: a meta-analysis", *Management Science*, Vol. 36 No. 10, pp. 1143-59.
- Caruana, A., Ramaseshan, B., & Ewing, M. T. (1998). Do universities that are more market orientated perform better?. *International Journal of Public Sector Management*, 11(1):55-70
- Castro, C. B., Armario, E. M., & Rio, M. E. S. D. (2005). Consequences of market orientation for customers and employees. *European Journal of Marketing*, 39(5/6):646-675
- Cavana, H., Delahaye, E., & Sekaran, U. (2001). *Applied Business Research Qualitative and Quantitative Methods*. Australia. John Wiley.
- Chang, T. and Chen, S. (1998), "Market orientation, service quality and business profitability: a conceptual model and empirical evidence", *The Journal of Services Marketing*, Vol. 12 No. 4, pp. 246-64.
- Chaston, I. (1996), "Small firm performance: assessing the interaction between entrepreneurial style and organisational structure", *European Journal of Marketing*, Vol. 31 Nos 11/12, pp. 814-31.
- Christensen, C. (1997), *The Innovator's Dilemma*, Harvard Business School Press, Boston, MA.
- Clark, B. (1999), "Marketing performance measures: history and interrelationships", *Journal of Marketing Management*, Vol. 15, pp. 711-32.
- Curran, J., Jarvis, R., Kitching, J. and Lightfoot, G. (1997), "The pricing decision in small firms: complexities and the deprioritising of economic determinants", *International Small Business Journal*, Vol. 15 No. 2, pp. 17-32.
- Day, G. (1994), "The capabilities of market-driven organization", *Journal of Marketing*, Vol. 58, pp. 37-52.
- Demirbag, M., et al. (2006). TQM and market orientation's impact on SMEs' performance. *Industrial Management & Data Systems*. 106(8):1206-1228

- Demski, J. (1997), *Managerial Uses of Accounting Information*, Kluwer Academic Publishing, Boston, MA.
- Deshpande', R. and Farley, J. (1998), "Measuring market orientation: generalization and synthesis", *Journal of Market Focused Management*, Vol. 2, pp. 213-32.
- Deshpande', R. and Farley, J. (1999), "Corporate culture and market orientation: comparing Indian and Japanese firms", *Journal of International Marketing*, Vol. 7 No. 4, pp. 111-27.
- Deshpande', R., Farley, J. and Webster, F. (1993), "Corporate culture, customer orientation, and innovativeness in Japanese firms: a quadrad analysis", *Journal of Marketing*, Vol. 57 No. 1, pp. 23-38.
- Dess, G.G. and Robinson, R.B. Jr (1984), "Measuring organizational performance in the absence of objective measures: the case of the privately held firm and conglomerate business unit", *Strategic Management Journal*, Vol. 5, pp. 265-73.
- Drucker, P. (1954), *The Practice of Management*, Harper & Row, New York, NY.
- Espallardo, M. H., & Ballester, E. D. (2009). Product innovation in small manufacturers, market orientation and the industry's five competitive forces: Empirical evidence from Spain. *European Journal of Innovation Management*, 12(4):470-491
- Farrelly, F., & Quester, P. (2003). The effects of market orientation on trust and commitment The case of the sponsorship business-to-business relationship. *European Journal of Marketing*, 37(3/4):530-553
- Felton, A.P. (1959), "Making the marketing concept work", *Harvard Business Review*, Vol. 37, pp. 55-65.
- Fyall, A.K. and Singh, S. (1999), "Marketing effectiveness and business performance in the hotel industry", *Journal of Hospitality and Leisure Marketing*, Vol. 6 No. 2, pp. 29-55.
- Gonzalez & Chiagouris. (2006). Internet Support Companies: The Impact of Marketing Orientation. *Journal of Internet Banking and Commerce*. Vol.11. No.1
- Gr.onroos, C., 1989. Defining marketing: a market-oriented approach. *European Journal of Marketing* 23 (1), 52-60.
- Green, K. W. J., et al. (2005). Market orientation: relation to structure and performance. *Journal of Business & Industrial Marketing*, 20(60):276-284



- Grewal, R. and Tansuhaj, P. (2001), "Building organizational capabilities for managing economic crisis: the role of market orientation and strategic flexibility", *Journal of Marketing*, Vol. 65 No. 2, pp. 67-80.
- Grinstein, A. (2008). The relationships between market orientation and alternative strategic orientations. *European Journal of Marketing*, 42(1/2):115-134.
- Gronroos Christian (1994). From marketing mix to relationship marketing: toward a paradigm shift in marketing, *management decision journal*, Volume 32, No. 2.
- Grunert, K. G., et al. (2005). Market orientation of value chains: A conceptual framework based on four case studies from the food industry. *European Journal of Marketing*, 39(5/6):428-455
- Gummesson, E. (1991), *Qualitative Methods in Management Research*, Sage, Newbury Park, CA.
- Gummesson, E., 1991. Marketing-orientation revisited: the critical role of the part-time marketer. *European Journal of Marketing* 25 (2), 60–75.
- Guo, C. (2002). Market orientation and business performance: A framework for service organizations. *European Journal of Marketing*, 36(9/10):1154-1163
- Hair, J.F., Money, A.H., Samouel P., & Page M., (2007). *Research methods for business*. England, West Sussex: John Wiley and Sons.
- Han, J., Kim, N. and Srivastava, R. (1998), "Market orientation and organizational performance: is innovation a missing link?", *Journal of Marketing*, Vol. 62 No. 4, pp. 30-45.
- Hansen, G. and Wernerfelt, B. (1989), "Determinants of firm performance: the relative importance of economic and organisational factors", *Strategic Management Journal*, Vol. 10 No. 5, pp. 399-511.
- Helgesen, O., Nettet, E., & Voldsund, T. (2009). Marketing perceptions and business performance: Implications for marketing education?. *Marketing Intelligence & Planning*, 27(1):25-47
- Helgesen. (2006), "Are loyal customers profitable? Customer satisfaction, customer (action) loyalty and customer profitability at the individual level", *Journal of Marketing Management*, Vol. 22, pp. 245-66.
- Homburg, C., Pflesser, C., 2000. A multiple-layer model of market-oriented organizational culture: measurement issues and performance outcomes. *Journal of Marketing Research* 37 (4), 449–462.

- Hudhes, P., Morgan, R. E., & Kouropalatis, Y. (2008). Market knowledge diffusion and business performance. *European Journal of Marketing*, 42(11/12):1372-1395.
- Hult, T. and Ketchen, D. (2001), "Does market orientation matter? A test of the relationship between positional advantage and performance", *Strategic Management Journal*, Vol. 22, pp. 899-906.
- Hurley, R. and Hult, T. (1998), "Innovation, market orientation, and organizational learning: an integration and empirical examination", *Journal of Marketing*, Vol. 62, July, pp. 42-54.
- Jameson, S.M. (2000), "Recruitment and training in small firms", *Journal of European Industrial Training*, Vol. 24 No. 1, pp. 43-9.
- Jarvis, R., Curran, J., Kitching, J. and Lightfoot, G. (2000), "The use of quantitative and qualitative criteria in the measurement of performance in small firms", *Journal of Small Business and Enterprise Development*, Vol. 7 No. 2, pp. 123-34.
- Jaworski, B. and Kohli, A. (1993), "Market orientation: antecedents and consequences", *Journal of Marketing*, Vol. 57 No. 3, pp. 53-70.
- Jones, E., Busch, P. and Dacin, P. (2003), "Firm market orientation and salesperson customer orientation: interpersonal and intrapersonal influences on customer service and retention in business-to-business buyer-seller relationships", *Journal of Business Research*, Vol. 56, pp. 323-40.
- Jones, S. C., Knotts, T. L., & Udell, G. G. (2008). Market orientation for small manufacturing suppliers: the importance of product-related factors. *Journal of Business & Industrial Marketing*, 23(7):443-453
- Kaplan, R.S. and Norton, D.P. (1996), *The Balanced Scorecard*, Harvard Business School Press, Boston, MA.
- Kaplan, R.S. and Norton, D.P. (2001), *The Strategy-focused Organization: How Balanced Scorecard Companies Thrive in the New Business Environment*, Harvard Business School Press, Boston, MA.
- Kaplan, R.S. and Norton, D.P. (2004), *Strategy Maps: Converting Intangible Assets to Tangible Outcomes*, Harvard Business School Press, Boston, MA.
- Kohli, A. and Jaworski, B. (1990), "Market orientation: the construct, research propositions and managerial implications", *Journal of Marketing*, Vol. 54, pp. 1-18.
- Kohli, A., Jaworski, B. and Kumar, A. (1993), "MARKOR: a measure of market orientation", *Journal of Marketing Research*, Vol. 30 No. 4, pp. 467-77.

- Kotler, P., 1994. *Marketing Management: Analysis, Planning, Implementation and Control*. Prentice-Hall, Englewood Cliffs, NJ.
- Lai, K.H., Weerakoon, T.S., 1998. Total quality management and marketing: complementary business philosophies. *International Journal of Management* 15 (4), 414–419.
- Langerak, F. (2001), “Effects of market orientation on the behaviors of salespersons and purchasers, channel relationships, and performance of manufacturers”, *International Journal of Research in Marketing*, Vol. 18 No. 3, pp. 221-34.
- Langerak, F. (2003), “The effect of market orientation on positional advantage and organizational performance”, *Journal of Strategic Marketing*, Vol. 11 No. 2, pp. 93-115.
- Lin, C. H., et al. (2008). The innovativeness effect of market orientation and learning orientation on business Performance. *International Journal of Manpower*, 29(8):752-772
- Matear, S., et al. (2002). How does market orientation contribute to service firm performance?: an examination of alternative mechanism. *European journal of marketing*, 36(9/10):1058-1075.
- Maydeu-Olivares, A. and Lado, N. (2003), “Market orientation and business economic performance: a mediated model”, *European Journal of Marketing*, Vol. 14 No. 3, pp. 284-309.
- Mazaira, A., Gonzalez, E., & Avendano, R. (2003). The role of market orientation on company performance through the development of sustainable competitive advantage: the Inditex-Zara case. *Marketing intelligence & planning*, 21(4):220-229
- Miller, M. A. et al. (2002), *Managing the Corporate Internet*, New York: John Wiley and Sons.
- Mills, C.A., 1986. Marketing quality assurance . *Quality Progress* 19 (6), 20–23.
- Murphy, G.B., Trailer, J.W. and Hill, R.C. (1996), “Measuring performance in entrepreneurship research”, *Journal of Business Research*, Vol. 36 No. 1, pp. 15-23.
- Narver, J. and Slater, S. (1990), “The effect of a market orientation on business profitability”, *Journal of Marketing*, Vol. 54 No. 4, pp. 20-35.

- Narver, J., Slater, S. and MacLachlan, D. (2004), "Responsive and proactive market orientation and new product success", *Journal of Product Innovation Management*, Vol. 21 No. 5, pp. 334-44.
- Olivares, A. M., & Lado, N. (2003). Market orientation and business economic performance: A mediated model. *International Journal of Service Industry Management*, 14(3):284-309
- Osuagwu, L. (2006). Market orientation in Nigerian companies. *Marketing Intelligence and Planning*, 24(6):608-631
- Parker, R.H. (1980), "History of accounting for decisions", in Arnold, J., Carsberg, B. and Scapens, R. (Eds), *Topics in Management Accounting*, Philip Allan, Oxford, pp. 262-76.
- Pelham, A. (1999), "Influence of environment, strategy, and market orientation on performance in small manufacturing firms", *Journal of Business Research*, Vol. 45, pp. 33-46.
- Pelham, A. and Wilson, D. (1996), "A longitudinal study of the impact of market structure, firm structure, strategy, and market orientation culture on dimensions of small firms' performance", *Journal of the Academy of Marketing Science*, Vol. 24 No. 1, pp. 27-43.
- Pitt, L., Caruana, A. and Berthon, P.R. (1996), "Market orientation and business performance: some European evidence", *International Marketing Review*, Vol. 13 No. 1, pp. 5-18.
- Porter, M. (1980), *Competitive Strategy*, The Free Press, New York, NY.
- Raaij, E. M. V., & Stoelhorst, J. W. (2008). The implementation of a market orientation: A review and integration of the contributions to date. *European Journal of Marketing*, 42(11/12):1265-1293
- Rahman, S. (2001), "Total quality management practices and business outcome: evidence from small and medium enterprises in Western Australia", *Total Quality Management*, Vol. 12 No. 2, pp. 201-10.
- Ramaseshan, B., Cuarana, A., & Pang, L. S. (2002). The effect of market orientation on new product performance: a study among singaporean firms. *Journal of product and brand management*, 11(6):399-409.
- Rucci, A.J., Kim, S.P. and Quinn, R.T. (1998), "The employee-customer-profit chain at Sears", *Harvard Business Review*, January/February, pp. 83-97.

- Ruekert, R.W., Walker Jr., O.C., 1987. Marketing's interaction with other functional units: a conceptual framework and empirical evidence. *Journal of Marketing Research* 23, 1–10.
- Ruokonen, M., Nummela, N., Puumalainen, K., & Saarenketo, S. (2008). Market orientation and internationalisation in small software firms. *European Journal of Marketing*, 42(11/12):1294-1315
- Sandvik, I. and Sandvik, K. (2003), "The impact of market orientation on product innovativeness and business performance", *International Journal of Research in Marketing*, Vol. 20, pp. 355-76.
- Saura, I. G., et al. (2005). Relationships among customer orientation, service orientation and job satisfaction in financial services. *International Journal of Service Industry Management*, 16(5):497-525
- Sekaran, U. (2000). *Research Methods for business: A skill-Building Approach* (3<sup>rd</sup> ed.). US: John Wiley & Son. Inc.
- Sekaran, U. (2003). *Research methods for business: A skill-building approach* (4<sup>th</sup> ed.). US: John Wiley & Son. Inc.
- Selnes, F., Jaworski, B. and Kohli, A. (1996), "Market orientation in United States and Scandinavian companies: a cross-culture study", *Scandinavian Journal of Management*, Vol. 12 No. 2, pp. 139-57.
- Shapiro, B.P., 1988. What the hell is 'market oriented'? *Harvard Business Review* 66 (6), 119–125.
- Shoham, A., Rose, G. and Kropp, F. (2005), "Market orientation and performance: a meta-analysis", *Marketing Intelligence and Planning*, Vol. 23 No 4/5, pp. 435-54.
- Sin, L. Y. M., et al (2002). The effect of relationship on business performance in a service-oriented economy. *Journal of service Marketing*, 16(7):656-676
- Sin, L.Y.M. and Tse, A.C.B. (2000), "How does marketing effectiveness mediate the effect of organizational culture on business performance? The case of service firms", *Journal of Services Marketing*, Vol. 14 No. 4, pp. 295-309.
- Sink, D. S. & Tuttle, T. C. (1989). *Planning and Measurement in Your Organization of the Future*, Industrial Engineering and Management Press.
- Solomons, D. (1952), *Studies in Costing*, Sweet & Maxwell Ltd, London.

- Todorovic, Z. W., & Ma, J. (2008). Entrepreneurial and market orientation relationship to performance: The multicultural perspective. *Journal of Enterprising Communities: People and Places in the Global Economy*, 2(1);21-36
- Tvorik, S.J. and McGivern, M.H. (1997), "Determinants of organizational performance", *Management Decision*, Vol. 35 No. 6, pp. 417-35.
- Van Egeren, M. and O'Connor, S. (1998), "Drivers of market orientation and performance in service firms", *Journal of Services Marketing*, Vol. 12 No. 1, pp. 39-58.
- Venkatraman, N. and Ramanujam, V. (1986), "Measurement of business performance in strategy research: a comparison of approaches", *Academy of Management Review*, Vol. 11 No. 4, pp. 801-14.
- Venkatraman, N. and Ramanujam, V. (1987), "Measuring of business economic performance: an examination of method convergence", *Journal of Management*, Vol. 13 No. 1, pp. 109-22.
- Webster, F.E. (1992), "The changing role of marketing in the corporation", *Journal of Marketing*, Vol. 56, pp. 1-17.
- Wood, E. H. (2006). The internal predictors of business performance in small firms: A logistic regression analysis. *Journal of Small Business and Enterprise Development*, 13(3):441-453
- Yusof, S.M. and Aspinwall, E.M. (2000), "Critical success factors in small and medium enterprises: survey results", *Total Quality Management*, Vol. 11 No. 4, pp. 448-62.
- Zeithaml, V.A. (2000), "Service quality, profitability, and the economic worth of customers: what we know and what we need to learn", *Journal of the Academy of Marketing Science*, Vol. 28 No. 1, pp. 67-85.
- Zhou, Z.K., Yim, K.C. and Tse, D. (2005), "The effects of strategic orientations on technology- and market-based breakthrough innovations", *Journal of Marketing*, Vol. 69 No. 1, pp. 42-60.
- Zikmund, W. G. (2003). *Business Research Methods*. United States of America: South Western.