# An Investigation on the Advancement of Technology in the Field of Electronic Commerce

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**Abstract**: *The online business industry has experienced significant growth and has now become a regular practice after many years of development. However, in order to tackle the new challenges, the future-oriented online business solution needs to go beyond the basic features of a static website with an online catalog and shopping cart, and move towards an intelligent, dynamic, and secure trading system. In order to use their predictions and opportunities, firms need on a robust data infrastructure and streamlined business operations. The aim of this exploratory project is to investigate the potential advancements that can address these difficulties, such as data exchange and system integration. Emerging technologies such as application services, web services, cloud computing, and their combinations have been introduced. We explore the motivating elements that motivate firms to adopt e-commerce. Organizations may make more crucial decisions by utilizing information on these emerging technology trends, which will help them become more competitive and sustainable.*

**Keywords:** Application Service, Web Service, Grid Service, and Service-Oriented Architecture: Emerging Technology Trends

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