QUANTITATIVE ANALYSIS OF THE IMPLICATIONS OF COVID-19 ON GLOBAL AIRPORTS

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ABSTRACT

This research analyzes the status of the global aviation sector with the ongoing pandemic. This research is strategically divided to apply, IBM SPSS statistics, event study and also use the PEST analysis to discuss the impact the sector has suffered from the pandemic. Data for this research was filtered to mainly cover the period from January 2019. Covid-19 data is analyzed using the SPSS tool to prescriptively and descriptively analyze the cases. In the second part of the research covering the three different event periods, the study finds that investors and stakeholders reacted differently during each timeline. The results from this study found that airline stock returns are negatively impacted by declining during the three major events during the pandemic. The overall findings from this study suggest that there is a lot to be done if the various governments are to revive the sector that is already suffering a major setback.

KEYWORDS: Airline industry, Coronavirus, Data Analytics, Event Study, IBSS SPSS.