

## Assessing Dubai's Economic Resilience: A Study on the Influence of Rainfall on GDP Growth

**Keyaan Nanjwani**

Gems Dubai American Academy

### **Abstract:**

The escalating costs associated with floods globally have become a pressing concern. In April 2024, Dubai experienced rainfall, leading to instability across various sectors and highlighting the necessity for a deeper comprehension of the repercussions of flooding on society. This research aims to investigate how rainfall impacts growth in Dubai. The primary goal is to determine the effects of rainfall on GDP growth. At the same time, the secondary objective involves examining economic sectors such as tourism, inflation, real estate, construction and housing markets. It delves into the evidence of rain occurrences in these sectors and their implications. This study analyzes the effects of this weather event on critical economic sectors using AIEEA (Artificial Intelligence Enhanced Economic Analysis). This concept combines AI-driven research and economic analysis to offer insights into sustainable impacts.

### **Keywords:**

Economics; Natural Hazard; Economic Growth; Economic loss; Economic Instability; Climate Change; Climate Adaptation; Climate Resilience; Renewable Energy.