

**The article I read was entitled “Fed Adds \$52.6 Billion To Markets As Central Bank Official Defends Operations.”. The federal reserve bank of New York aided the other financial markets, whether it be businesses, or banks within its system with 52.6 million dollars in order to make it through the weekend. The New York financial system was supposedly in dire need of liquidity and that is exactly what the Federal Bank provided. The federal bank gave the money one a **repurchase agreement operation, in this agreement it is reported that repos took in “\$10.9 billion in Treasury’s and \$40.8 billion in mortgages.” Some people question the whether the Federal Bank should have intervened, some of their analyst must have seen some sort of benefit by doing this.****

**The article I read was entitled “Grocery Delivery Goes Small With Micro-Fulfillment Centers”, this article used quantitative analysis to determine how they could expedite online shopping. Many factors were taken into account, some of which include, how many orders could be filled in a week, what percentage of grocery shoppers do their shopping online, and how much the project would cost. In this article the grocery chain who plans on using this new method used quantitative data to determine where they should place this new mechanical equipment. The estimated revenue of this investment was not given but it is estimated that this will expedite the grocery shopping process by ten times its normal rate. After polling many Grocery stores the said company used quantitative methods to develop the fastest grocery shopping method possible. The article I read was entitled “Grocery Delivery Goes Small With Micro-Fulfillment Centers”, this article used quantitative analysis to determine how they could expedite online shopping. Many factors**

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The article I have decided to do my report on for February, 28<sup>th</sup> is entitled “A Sea Change in Fuel Prices Is Imminent”. Initially I felt this article would not have contained many cases where quantitative methods would be put to good use, but after reading through the article that was not the case at all. The main focus of “A Sea Change in Fuel Prices Is Imminent” was a changing society where more environmentally friendly fuel alternatives are being put to good use seemingly everywhere but cargo ships. It was calculated that the sea is where most transport by ton miles takes place. The issue lies in the amount of sulfur that ships releases, the article states the “while ships make up just 5% to 7% of global transport oil demand according to Goldman Sachs, they emit about half of sulfur from transport because they use the dirtiest fuel”. Without running the numbers experts would not know what fuel alternatives would best fit the need of ships across the world. Through research and quantitative methods researches now know how to help the environment moving forward.

The article I decided to summarize for my Wall-Street Journal is entitled “Trump Administration Confronts New Coronavirus Testing Woes”. The article states that “Top administration officials have told lawmakers they are aware the supplies are short and are researching the issue. Some congressional and state lawmakers, as well as public-health leaders, are pressing the White House to do more, saying they are already having problems getting certain materials and a deepening shortage could hobble testing nationwide, even as millions of tests are deployed.”. Due to a sharp increase in individuals who have contracted, or have tested for the dreaded COVID-19, needed supplies have started to dwindle. President trump once stated anyone who wants a test can get a test.”, that statement in conjunction with the issue stated in the article shows why this article relates to quantitative methods. With the use of quantitative methods (More specifically Inventory Control) as well as proper communication that issue could have been better handled. Inventory control is defined as “the fact or process of ensuring that appropriate amounts of stock are maintained by a business, so as to be able to meet customer demand without delay while keeping the costs associated with holding stock to a minimum.”. With better inventory control we as a nation would have a better handle on the situation at hand and comments like I have sited from president will not be made.

The article I have decided to do this months Wall Street Journey article summary is entitled “Tech Leaders Map Out Post-Pandemic Return to Workplace”. This article relates to quantitative methods and more specifically Project management in several. This article is about how companies, and more specifically their IT departments will prepare for the influx of people returning to the work place. The article states that “The information-technology research firm’s report lays out an early-stage road map for IT executives preparing to reopen corporate offices—

a process that will vary by industry, but for most businesses will involve multiple stages.”. How does this relate to Quantitative methods? Information and Technology moguls must run gain quantitative data such as the number of workers returning, how many people will be on a server at one time, how many gigabytes of data needs to be used, as well as how long will the employees will be working. The project management side of things come into play for the IT department as a whole. The IT department must first set of goal (Which would be flawless internet performance), determine how long it will take to obtain this goal, and report that information to the head of the company. The safety of employees is also a huge concern that could be handled by using quantitative methods. The article states that “ task will be to develop a strategy for keeping employee tech tools—including PCs, mobile devices, monitors, keyboards and mice—germ-free without damaging them.” Quantitative methods need to be used so the company will know how much cleaning supplies will be needed to keep the equipment clean, as well as how often they will need to restock. All in all, quantitative methods can be seen in several different scenarios and can help save companies money in several different ways.

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