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Data Analytics Internship Inventory Data Automation ⊙ Frontage Laboratories, Inc

I was taking inventory of over 300 biological instruments during my internship at Frontage Labs when noticed that there was a significant amount of material that had not been used for many years. Therefore, I decided to create a [Python script](#) to automate the tracking of the instruments and determine exactly when certain items were running low in order to reorder them. My algorithm would alert the items that were low in stock so that I could reorder the materials without wasting money. This would prevent the buildup of items in the storage room that had not been used for many years. My script increased efficiency by over 100% from previous systems. I utilized pandas and numpy in Python for data analysis and data manipulation. After I completed the internship, Frontage continued to use my software to track their inventories. I trained a FTE employee who had no prior coding or technical experience to become familiar with my software before I finished my internship.