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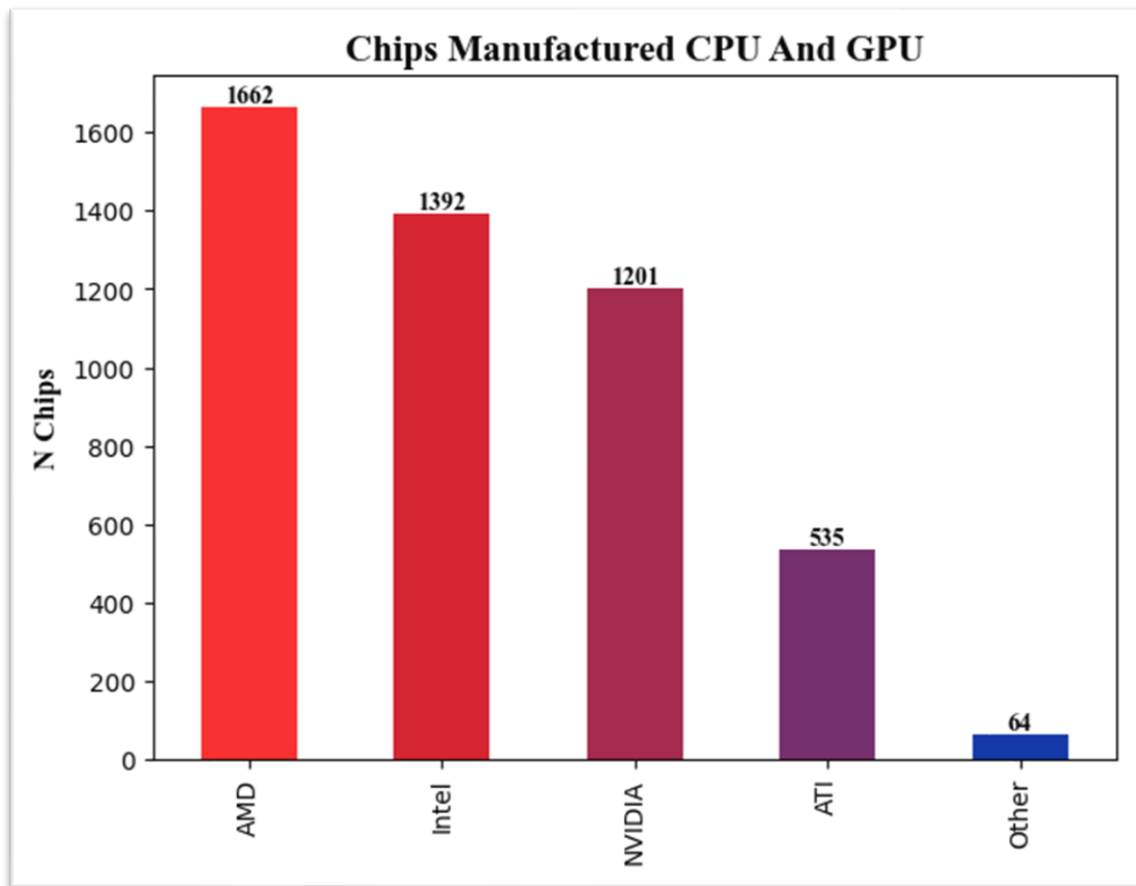
Matheda Report of Week 07

    In this report we will be having a very brief discussion on the analyzed data that has been presented to us along showing its results via bar graph or line chart.


    According to this graph, the AMD chips has the highest manufactured chips compared to the other chips indicating an increase number of demands for this kind of chip and the average mean of the manufactured chips should be somewhere around **970.8** chips.

Chips Manufactured (CPU And GPU)

In the graph on the right represents the chips manufacturer where Intel was able to produce 1245 chips while AMD was able to produce 950 chips.

## Products with the Lowest Thermal Design Power
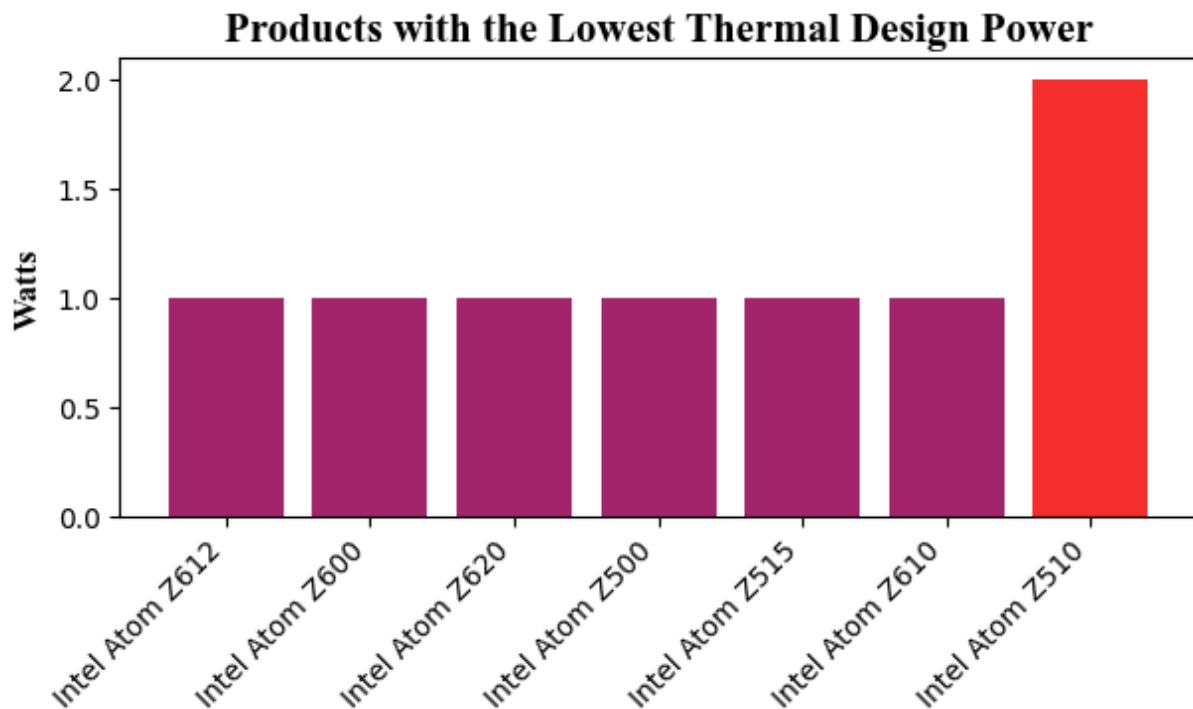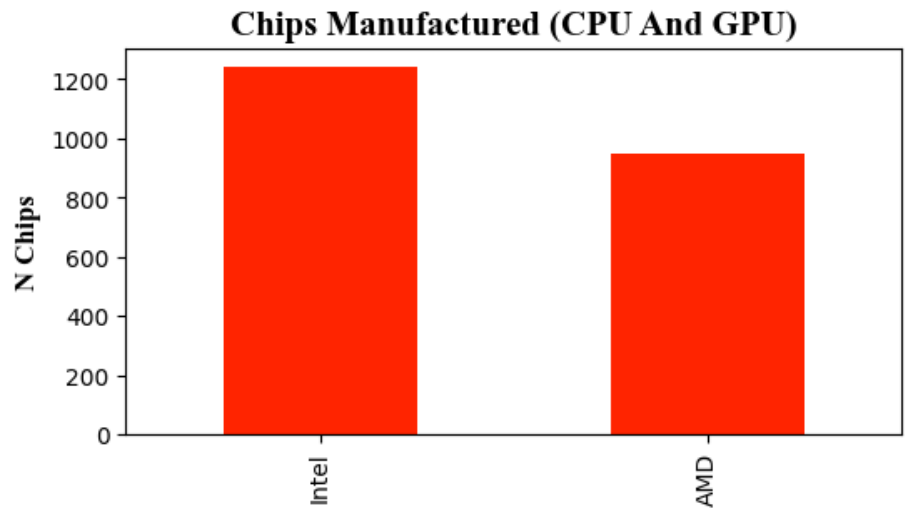
This bar graph shows the products with the lowest Thermal Design Power (TDP), with the first six products having the same wattage from left to right, indicating that these specific products are good for compact devices, whereas the Intel Atom Z510 has double the wattage of the other six products. Despite consuming more energy and emitting more heat, it enables a GPU to perform at higher levels.

Commanly Used Die Size
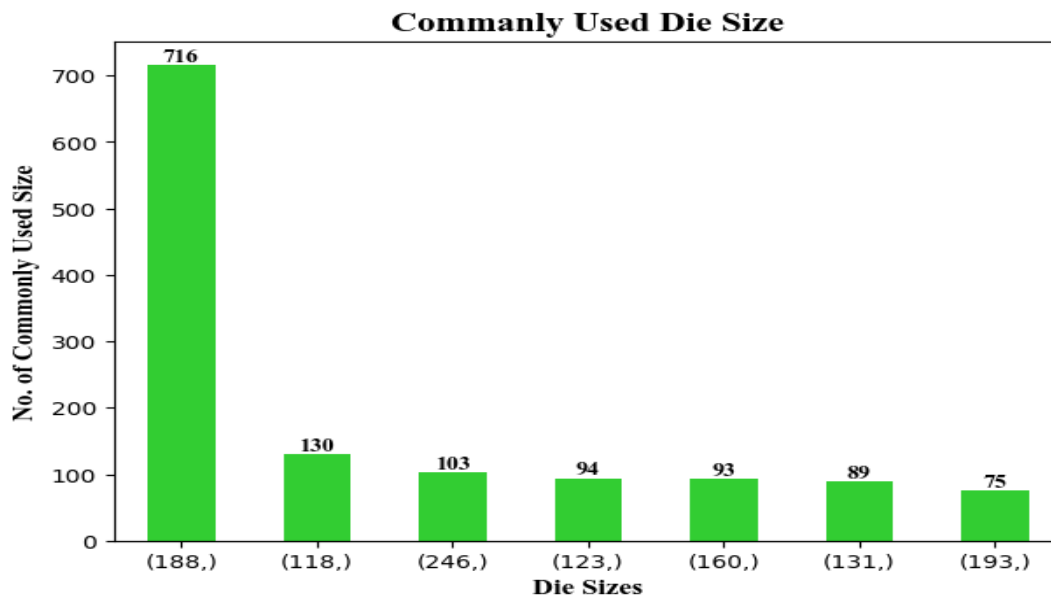
The data shown is the most used Die Size for the GPU's or CPU's

Highest Detected Frequency
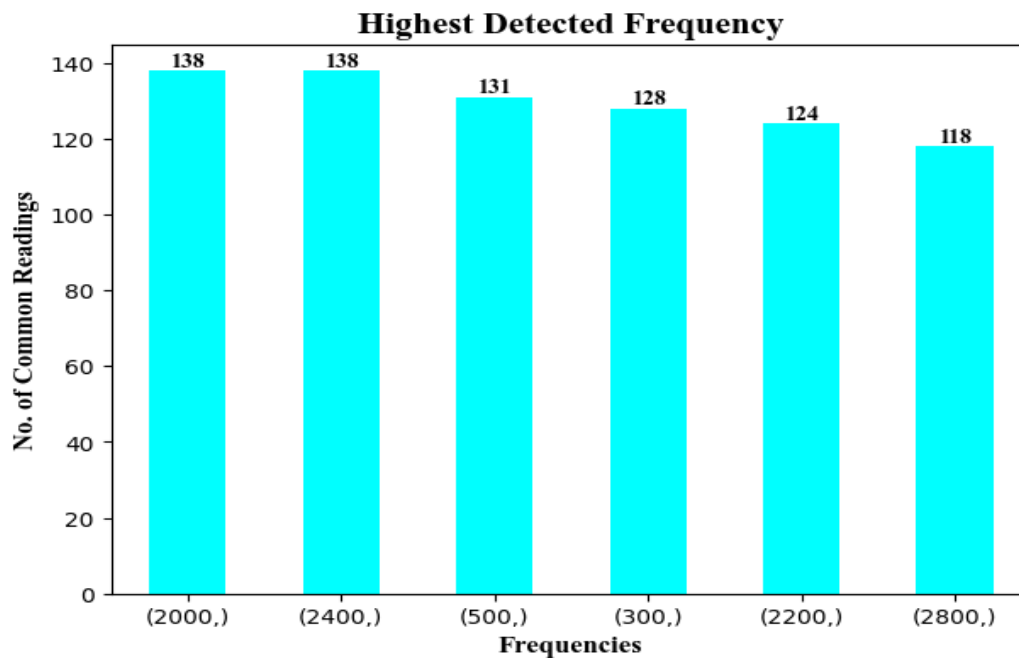
The graph above displays the common frequency that was detected from the given data, and it reveals that half of the data was greater than the average data of 129.5.

Commanly Used Transitors
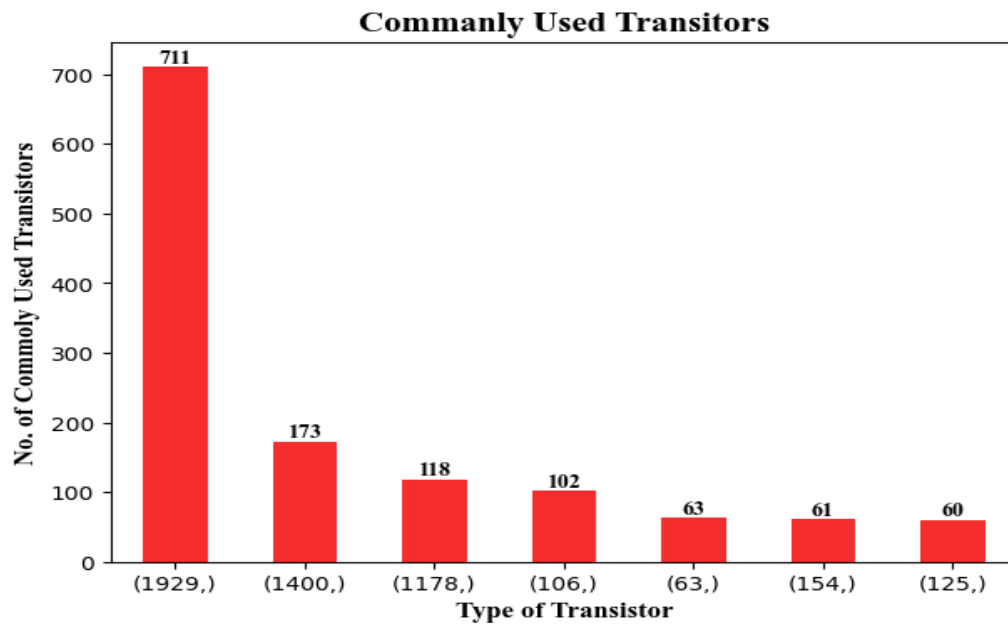
The graph shows that the <u>1929 transistors</u> are currently the most commonly utilized transistors when compared to the other transistors shown on the graph.

GPU Process Size Trend
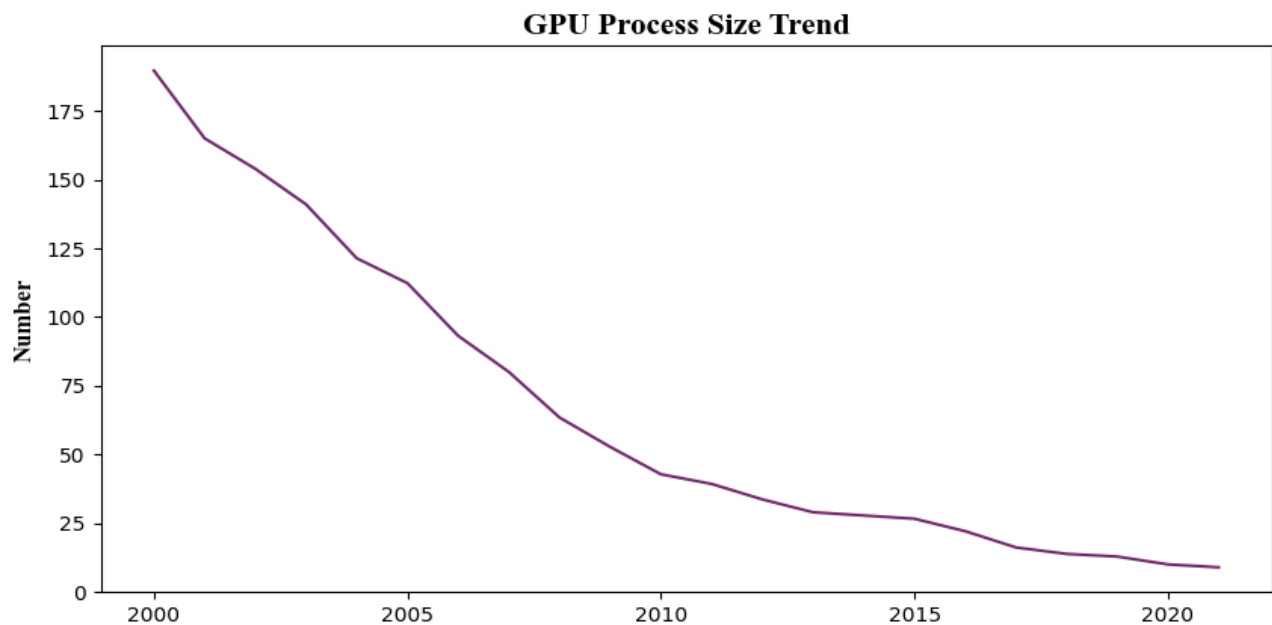
Based on the graph shown, the trend of the GPU's process size has been on the decline, and as this continues, the GPU process size will eventually become outdated due to the ever-evolving technology.