Analysis of securities and linear concepts.

Look up the company ALIBABA

Tell me when it came to the stock market

Which exchange is it trading at?

Since a time chart has an x-axis of time and and y-axis of price?

Compare the closing price of when the initial public offering was to todays closing price on 11/03/2014

Tell me the slope of the line?

Is the slope positive or negative?

Comparison

Compare Alibaba stock to amazon.

For the same time period since the public initial offering of Alibaba look at the price of amazon and get the slope from that date until 11/03/2014

Find the mid point of each of the two companies and the distance of each.

During which periods of time did they have parallel slopes or perpendicular slopes?

Describe the slopes for each of the two companies and tell me if they have similarities or differences.

Describe if there are deviations for examples Alibaba stock is going up and amazon is going down during the same time period.

Pretend you have 10000 dollars invested in each company since the beginning of Alibaba trading; do you have more money with amazon or Alibaba or is it the same?

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| --- | --- | --- |
|  | **Alibaba** | **Amazon** |
| **Initial Public offering of Alibaba** |  |  |
| **Price at initial public offering** |  |  |
| **Price at 11/03/2014** |  |  |
| **How many trading days during the time period above.** |  |  |
| **Slope** |  |  |
| **Midpoint** |  |  |
| **Distance** |  |  |
| **Similar slopes** |  |  |
| **Perpendicular slopes** |  |  |
| **Similarities** |  |  |
| **Differences** |  |  |
| **$10000 at the initial public offering**  **How much is it in 11/03/2014** |  |  |

Alibaba graph

Amazon graph