**Data Analysis Assignment Part I**

**1) Stock descriptions table**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Stock 1 | Stock 2 | Stock 3 |
| Company name | HP INC | CorVel Corp | BNP PARIBAS |
| Headquarter | Palo Alto, CA, US | Fort Worth, TX, US | Paris, FR |
| Stock symbol | HPQ | CRVL | BNPQF |
| Main products/services | Computing, imaging and printing systems | Care services | Banking services |
| Industry | Tech | Tech and insurances | Finance |
| Latest price (as of date) | 28.69$ (02/12/2024) | 237.86$ (02/13/2024) | 57.90$ (02/12/2024) |
| Latest PE | 9.4 | 54.62 | 0.0 |
| Latest dividend yield (Dvd Ind Yld) | 3.8% | - | 8.57% |
| Current Market Capitalization | 28 429,0 Million | 4 066 Million | 66 438,9 Million |
| Latest ROE | N.A | 35% | 9,1% |
| Latest ROA | 8,7% | 17.6% | 0,4% |
| Latest Debt/Com equity ratio | N.A | 16.7% | N.A |
| Beta VS SPX | 1.05 | 0.87 | 0.88 |
| The highest price and its date during 1/2/2018-12/31/2022 | 41.47$ (04/07/2022) | 47.22$ (05/14/20) | 84.54$ (01/29/2018) |
| The lowest price and its date during 1/2/2018-12/31/2022 | 13.96$ (03/23/2020) | 209.84$ (01/03/22) | 27.3274$ (03/23/2020) |
| The stock’s latest 1-year return (**show your return calculation**) | Price at 31/12/2022 : 29.14 Price at 31/12/2023 : 28.71 Div : 1.065$ r = (28.71-29.14+1.065)/29.14 = 2,18% | Price at 31/12/2022 : 178.16 Price at 31/12/2023 : 235.34 Div : - r = (235,34-178,16)/178,16 = 32,09% | Price at 31/12/2022 : 67.72 Price at 31/12/2023 : 67.65 Div : 4.215$ r = (67,65-67,72+4,215)/67,72 = 6,12% |
| The stock’s annualized return over 2018-2022 (**show your return calculation**) | Price at 01/12/2018: 21.30 Price at 31/12/2022: 29.14 ar = ((29,14/21,30)^0,2)-1 = 6,47% | Price at 01/12/2018: 51.40 Price at 31/12/2022: 178.16 ar = ((178,16/51,4)^0,2)-1 = 28,22% | Price at 01/12/2018: 75.85 Price at 31/12/2022: 67.72 ar = ((67,72/75,85)^0,2)-1 = -2,24% |

**2) Stock against markets charts**

**HPQ  
A graph of stock market

Description automatically generated  
Russell 2000: +16.48%  
HPQ: +34.22%  
SPY: +45.69%  
From 26 dec 2017 to 03 January 2023**

**CRVL**

**A graph of stock market

Description automatically generated**

**Russell 2000: +16.48%  
CRVL: +163.23%  
SPY: +45.69%  
From 26 dec 2017 to 03 January 2023**

**BNPQF**

**A graph of stock market

Description automatically generated  
Russell 2000 : +16.48%  
BNPQF : -16.58%  
SPY : +45.69%  
From 26 dec 2017 to 03 January 2023**