Performance comparison is return comparison:

Crisis period: 12/31/2019 to 3/31/2020

Post crisis period: 3/31/2020 to 11/11/2020

Crisis Return Cal: (Price at 3/31/2020 / price at 12/31/2019) - 1

Post Crisis Return Cal: Price at 11/11/2020 / Price at 3/31/2020) - 1

Question 1:

rank 11 sectors performance by descending order: crisis, post crisis, and total period.

Fill in the form below:

Crisis Period: Post Crisis Period:

|  |  |
| --- | --- |
| Sector Name | Crisis Return |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| Sector Name | Post Crisis Return |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Total Period (12/31/2019 to 11/11/2020)

|  |  |
| --- | --- |
| Sector Name | Tot Ret |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Question 2:

In crisis and post crisis period, the best performer and worst performer in each sector:

Fill the form and write your sql queries below:

Crisis period (12/31/2019~ 3/31/2020)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sectors | Best Performer Name | Best performer Return | Worst Performer Name | Worst Performer Return | Discrepancy  (BstPerfor Ret-WstPerfor Ret) |
| Consumer Disc. |  |  |  |  |  |
| Consumer Stpls. |  |  |  |  |  |
| Enrgy |  |  |  |  |  |
| Financials |  |  |  |  |  |
| HealthCare |  |  |  |  |  |
| Industrials |  |  |  |  |  |
| Info Tech |  |  |  |  |  |
| Materials |  |  |  |  |  |
| Communication Services |  |  |  |  |  |
| Real Estate |  |  |  |  |  |
| Utilities |  |  |  |  |  |

Post Crisis period (3/31/2020~ 11/11/2020)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sectors | Best Performer Name | Best performer Return | Worst Performer Name | Worst Performer Return | Discrepancy  (BstPerfor Ret-WstPerfor Ret) |
| Consumer Disc. |  |  |  |  |  |
| Consumer Stpls. |  |  |  |  |  |
| Enrgy |  |  |  |  |  |
| Financials |  |  |  |  |  |
| HealthCare |  |  |  |  |  |
| Industrials |  |  |  |  |  |
| Info Tech |  |  |  |  |  |
| Materials |  |  |  |  |  |
| Communication Services |  |  |  |  |  |
| Real Estate |  |  |  |  |  |
| Utilities |  |  |  |  |  |

SQL queries below: