CHRISTOPHER CANGELOSI / FIN 360L

Finance, practiced in Excel

Approximate matching, stock lookups, and valuation using financial data.

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ANSWERS MARKED CORRECT	RECORDED COMPLETED ATTEMPTS	EXERCISE WORKSHEETS

Exercise 4 / Connecting a lookup to a valuation

Saved inputs: CUSIP 50179710 | Required return 13% | Growth assumption 4%

Worksheet field	Saved output	Formula or financial meaning
Ticker / size classification	LB / Large Cap	XLOOKUP retrieves the stock and classifies its market cap.
Dividend	$0.30	Dividend input returned from the source dataset.
Price	$69.87	=F19/F18 (market value / number of shares)
DDM price	$3.33	=F16/(C16-C17) (the lab's supplied model)

Workbook checks are saved lab results. They are separate from a D2L course grade.

Selected values and formulas from the completed Approximate Matching Exercises workbook.

Historical classroom data: SPY holdings, May 31, 2021; 2020 dividends. Source: CRSP via WRDS.

The worksheet behind the result

Exercise 5: ten stock records, with selected outputs from the saved workbook.

CUSIP	Shares	Market value	Dividend	Price	DDM price	Size class
92916010	1,334,254	$244,595,443.28	$1.36	$183.32	$15.11	Large Cap
70756910	1,497,309	$122,734,418.73	$0.00	$81.97	$0.00	Large Cap
57459910	2,588,599	$156,118,405.69	$0.55	$60.31	$6.06	Large Cap
33904110	839,680	$230,441,779.20	$0.00	$274.44	$0.00	Large Cap
77390310	1,169,290	$308,365,158.80	$4.13	$263.72	$45.89	Large Cap
5348410	1,404,583	$290,664,406.02	$6.36	$206.94	$70.67	Large Cap
21720410	2,093,453	$270,076,371.53	$0.00	$129.01	$0.00	Large Cap
52466010	1,338,451	$73,654,958.53	$1.60	$55.03	$17.78	Mid Cap
19244610	5,341,422	$382,232,158.32	$0.88	$71.56	$9.78	Large Cap
31677310	7,158,346	$301,652,700.44	$1.08	$42.14	$12.00	Large Cap

Examples of formulas stored in the first data row

```
D10  =XLOOKUP($C10,'Stock Data (Dsc. market_val)'!$F$8:$F$513,'Stock Data (Dsc. market_val)'!$C$8:$C$513)
H10  =E10/D10      I10  =G10/($J$3-$J$4)
```

Values are displayed to two decimal places; the source workbook retains full precision.

Selected values and formulas from the completed Approximate Matching Exercises workbook.

Historical classroom data: SPY holdings, May 31, 2021; 2020 dividends. Source: CRSP via WRDS.