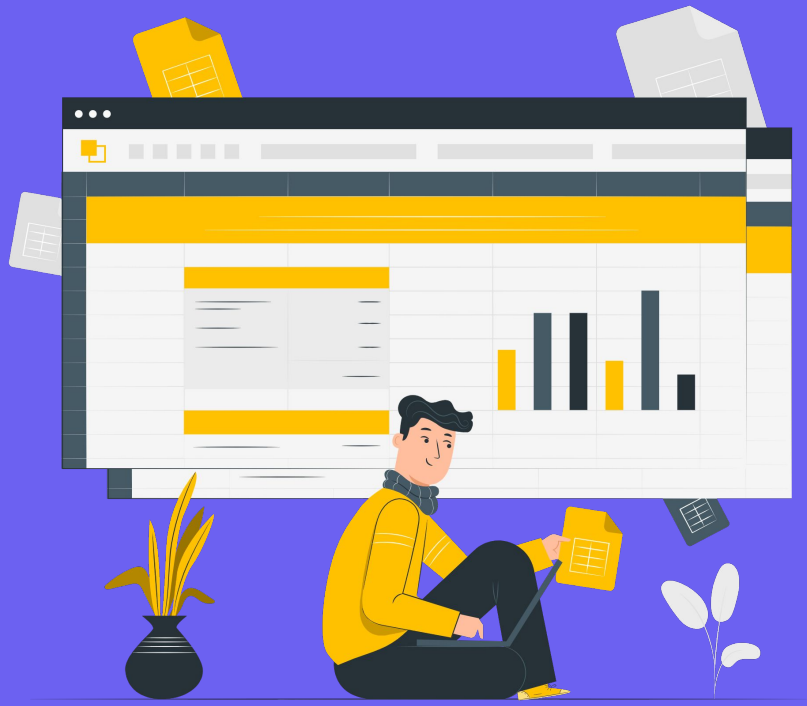
Modelling in Excel -II

Relevel
by Unacademy



Datasets for Class Practice

Please find below the link for the data set that will be used in the class for practice.

- Instructions to download the file-

  Click on the link→ File → Download → Microsoft Excel(.xlsx)

1. https://docs.google.com/spreadsheets/d/156sIboos1mlCXsOAurwORa1WVq7O6ZOe/edit?usp=sharing&ouid=107266068801601122977&rtpof=true&sd=true

Formulas used in Financial Models

PMT

⇒ Definition - PMT, one of the financial functions, calculates the payment for a loan based on constant payments and a constant interest rate.

⇒ Syntax -> PMT(rate, Nper, pv, [fv], [type])

Formulas used in Financial Models

Rate	Required	The interest rate for the loan.
Nper	Required	The total number of payments for the loan; The number of periods.
Pv	Required	The present value, or the total amount that a series of future payments is worth now is also the principal.
Fv	Optional	You want to attain the future value or a cash balance after making the last payment. If FV is omitted, it is assumed to be 0 (zero); that is, the future value of a loan is 0.
Type	Optional	The number 0 (zero) or 1 indicates when payments are due.

Set type equal to	
0	At the end of the period
1	At the beginning of the period

Make sure that the units you use to specify the rate and Nper are consistent. If you're making monthly payments on a four-year loan with an annual interest rate of 12%, use 12%/12 for the rate and 4*12 for the Nper. If you're making annual payments on the same loan, use 12% for the rate and 4% for the Nper.

Formulas used in Financial Models

IPMT

⇒ Definition - Returns the interest payment for a given period for an investment based on periodic, constant payments and a constant interest rate.

⇒ Syntax -> IPMT(rate, per, Nper, pv, [fv], [type])

Formulas used in Financial Models

- The PMT function syntax has the following arguments:

Rate	Required	The interest rate for the loan.
Per	Required	The period for which you want to find the interest must be in the range 1 to Nper.
Nper	Required	The total number of payment periods in an annuity.
Pv	Required	The present value, or the lump-sum amount that a series of future payments is worth right now.
Fv	Optional	The future value, or a cash balance you want to attain after the last payment is made. If fv is omitted, it is assumed to be 0 (the future value of a loan, for example, is 0).

Set type equal to	
0	At the end of the period
1	At the beginning of the period

Formulas used in Financial Models

PPMT

⇒ Definition - Returns the payment on the principal for a given period for an investment based on periodic, constant payments and a constant interest rate.

⇒ Syntax -> PPMT(rate, per, nper, pv, [fv], [type])

Formulas used in Financial Models

- The PPMT function syntax has the following arguments:

Rate	Required	The interest rate for the loan.
Per	Required	The period for which you want to find the interest must be in the range 1 to Nper.
Nper	Required	The total number of payment periods in an annuity.
Pv	Required	The present value, or the lump-sum amount that a series of future payments is worth right now.
Fv	Optional	The future value, or a cash balance you want to attain after the last payment is made. If fv is omitted, it is assumed to be 0 (the future value of a loan, for example, is 0).

Set type equal to	
0	At the end of the period
1	At the beginning of the period

In the next class we will study:

Google Sheets