

## ECDL Module 4 – Handout 10

1. Open the workbook **Films.xlsx**.
2. Use the website [www.imdb.com](http://www.imdb.com) to find the details of a movie of your choice.  
You must list down the **title** in cell **A4**, the **release date** in cell **B4**, the **box office income** in cell **C4** and the **main protagonist** in cell **D4**.
3. Repeat this process for three other movies of your choice.
4. Centre the text in **A1** across cell range **A1:E1**.
5. Resize columns **A** to **E** as you see fit.
6. Apply currency formatting to cell range **C4:C7** without any decimal places.
7. Sort the movies by their income starting from the lowest earner.
8. Rename **Sheet 1** to **Movies**.
9. Create a 2D non-exploded pie chart on cell range **A4:A7** and **C4:C7**. Move the pie chart so that it starts from cell **A10**.
10. Add the title **Movies Income** to the pie chart.
11. Change the colours of each slice in the pie chart to any colour you like.
12. Switch on percentage values on the outside end of the pie chart (switch off the value option).
13. Choose the slice with the largest percentage and separate it from the others.
14. Apply formatting to the worksheet including font styles, font size, borders and shading.
15. Copy the sheet **Movies** just after it and rename it to **Movies Calculations**.
16. On the **Movies Calculations** worksheet delete the pie chart and delete column **D**.
17. In cell **B8**, type **Average**.
18. In cell **C8** calculate the average of the movies **C4:C7**.
19. In cell **B10**, type **Total** and in cell **C10** calculate the total of the movies.
20. In cell **B11**, type **Maximum** and in cell **C11** calculate the maximum value of the movies.

21. In cell **D4**, display the text **Above Average** if the income of the movie is more than the average, otherwise display **Below Average** (hint: you must use absolute referencing).
  22. Replicate the formula in cell **D4** to cell range **D5:D7**.
  23. In cell **E4** calculate the percentage of the first movie by dividing its income by the total. Then replicate to the other movies (hint: you must use absolute referencing).
  24. Apply percentage format to cell range **E4:E7** with 2 decimal places.
  25. Freeze row 3.
  26. Save and close the workbook.
  27. Open **Answerbook.xlsx** and answer all questions.
-