

SPREAD SHEET PRACTICE – THIS AN EXAMPLE OF WHAT YOU WILL HAVE TO DO

The Manager has provided some data on next month's production.

The first performance will be on the first Monday of next month.

Develop a solution to record:

1. performance dates
2. income from current ticket sales
3. whether or not seat sales targets have been met
4. the evening performance with the lowest overall seat sales.

B. Analyse the trend of seat sales, for Monday to Thursday evening performances only.

Explain your findings.

C. Assuming that all ticket sales will reach their target figures, use the data to find

1. The maximum percentage discount (to the nearest whole number) that could be given without the income falling below the target figure.

D. The Manager is considering offering a production in the future with seats only available in the Stalls.

Modify your solution to include a way of modelling what would happen if:

2. No seats were sold in the Circle and Upper Circle.
3. What price the Stalls seats would need to be (to the nearest £) to reach the target income.

Present your solution and analysis:

- a. comparing sales against targets
- b. identifying patterns in ticket sales
- c. recommending models for % discounts against ticket prices
- d. recommending models for limited release of theatre seats for different shows in a format suitable for the Manager.