

Assignment (Exercise- 1)

Historical Data Transformation

The objective of this assignment was to transform a given dataset into historical row-wise records. This transformation involved utilizing the transpose operation, implementing formulas for calculating previous dates, and manually filling missing data where necessary.

Steps Taken:

1. Transpose Operation:

- Utilized the transpose function to switch the rows and columns of the dataset.
- This transformation was crucial for changing the orientation of the data, making it easier to work with historical records.

2. Formula Implementation:

- Developed formulas to calculate previous dates for relevant variables.
- Considered the nature of the data and the required historical context to determine appropriate formulas.
- Implemented these formulas using spreadsheet functions or programming languages, depending on the platform used for data manipulation.

3. Manual Data Filling:

- Identified instances where historical data was missing or unavailable in the original dataset.

Conclusion:

This assignment successfully transformed the given dataset into a format suitable for historical analysis. The combination of transpose operations, formula implementation, and manual data filling has produced a comprehensive set of historical row-wise records, providing a valuable resource for subsequent data analysis and decision-making.