



RAN-2511000903011004 - C

B.C.A. (Data Science) Examination December - 2025

Advanced worksheet and Python for Data Science and Analytic (Practical)

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.
- (2) All questions are compulsory.
- (3) Figures to the right indicate full marks.

Seat No.:

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Student's Signature

Q. 1. Create following sheets and perform the following queries. (20)

Order ID	Date	Region	Salesperson	Product	Units Sold	Unit Price	Total Sales
1001	01-Jan-24	North	Aditi	Laptop	10	50000	500000
1002	05-Jan-24	South	Ramesh	Mobile	15	20000	300000
1003	08-Jan-24	East	Neha	Tablet	8	15000	120000
1004	10-Jan-24	West	Pooja	Laptop	6	52000	312000
1005	12-Jan-24	North	Aditi	Mobile	20	22000	440000
1006	15-Jan-24	East	Ramesh	Tablet	12	16000	192000
1007	18-Jan-24	South	Neha	Laptop	7	51000	357000

1) Create a Pivot Table Report

- Show Total Sales by Region.
- Format it to highlight the highest sales region.

2) Analyse Salesperson Performance

- Use a Pivot Table to show Total Sales by Salesperson.
- Add a field to show Average Sales per Order for each salesperson.

Q. 2. Viva + File (05)