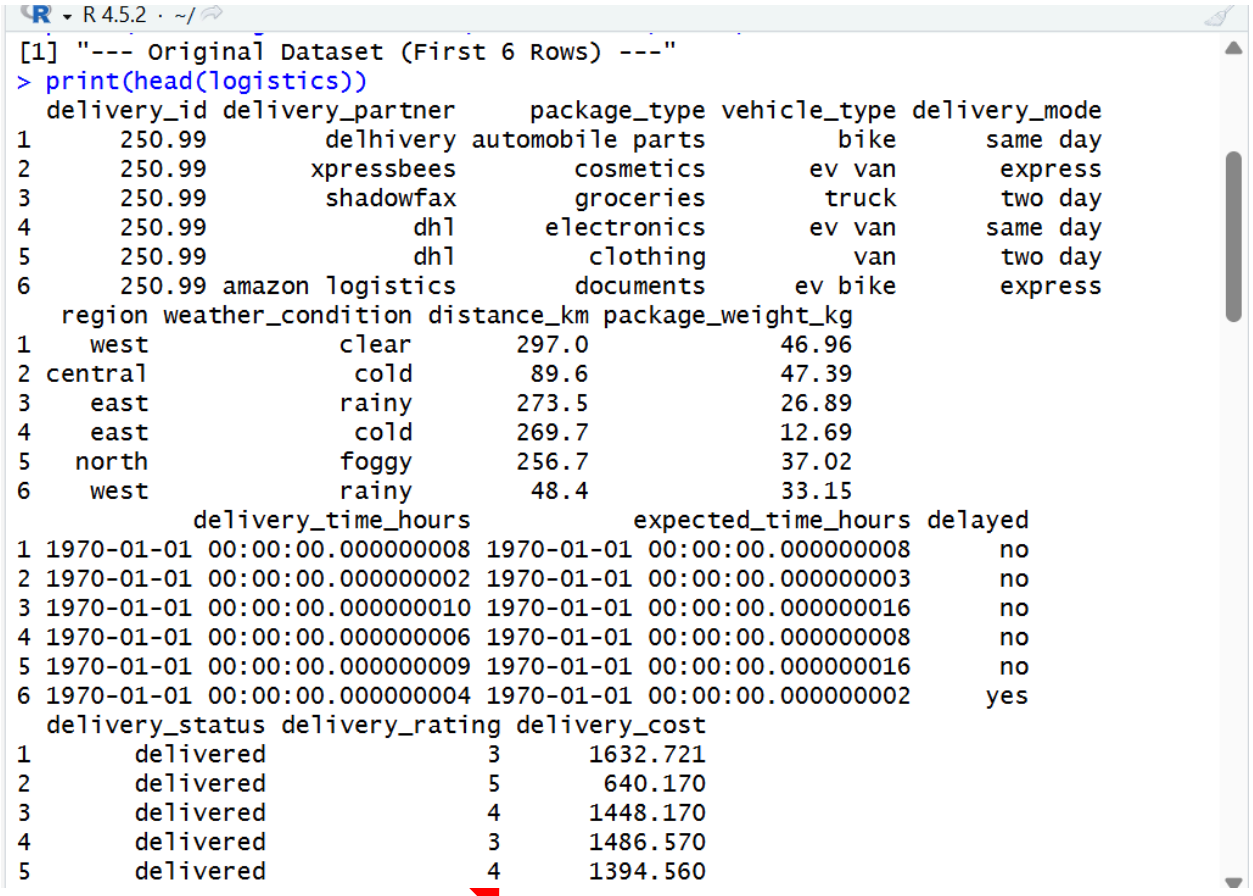
SHETH L.U.J. & SIR M.V. COLLEGE OF SCIENCE
SUBJECT - Data Analysis with SAS / SPSS / R

Practical No. 9

Aim : Performing text manipulation using str_sub(), str_split() (R). import dataset.



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R 4.5.2 · ~/
[1] "--- Original Dataset (First 6 Rows) ---"
> print(head(logistics))
  delivery_id delivery_partner     package_type vehicle_type delivery_mode
1      250.99        delhivery automobile parts         bike      same day
2      250.99       xpressbees        cosmetics       ev van       express
3      250.99        shadowfax        groceries        truck       two day
4      250.99              dhl      electronics       ev van      same day
5      250.99              dhl         clothing          van       two day
6      250.99 amazon logistics        documents      ev bike       express
   region weather_condition distance_km package_weight_kg
1    west             clear       297.0             46.96
2 central              cold        89.6             47.39
3    east             rainy       273.5             26.89
4    east              cold       269.7             12.69
5   north             foggy       256.7             37.02
6    west             rainy        48.4             33.15
            delivery_time_hours           expected_time_hours delayed
1 1970-01-01 00:00:00.000000008 1970-01-01 00:00:00.000000008      no
2 1970-01-01 00:00:00.000000002 1970-01-01 00:00:00.000000003      no
3 1970-01-01 00:00:00.000000010 1970-01-01 00:00:00.000000016      no
4 1970-01-01 00:00:00.000000006 1970-01-01 00:00:00.000000008      no
5 1970-01-01 00:00:00.000000009 1970-01-01 00:00:00.000000016      no
6 1970-01-01 00:00:00.000000004 1970-01-01 00:00:00.000000002     yes
  delivery_status delivery_rating delivery_cost
1       delivered               3      1632.721
2       delivered               5       640.170
3       delivered               4      1448.170
4       delivered               3      1486.570
5       delivered               4      1394.560
```


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4      250.99              dhl      electronics       ev van      same day
5      250.99              dhl         clothing          van       two day
6      250.99 amazon logistics        documents      ev bike       express
   region weather_condition distance_km package_weight_kg
1    west             clear       297.0             46.96
2 central              cold        89.6             47.39
3    east             rainy       273.5             26.89
4    east              cold       269.7             12.69
5   north             foggy       256.7             37.02
6    west             rainy        48.4             33.15
            delivery_time_hours           expected_time_hours delayed
1 1970-01-01 00:00:00.000000008 1970-01-01 00:00:00.000000008      no
2 1970-01-01 00:00:00.000000002 1970-01-01 00:00:00.000000003      no
3 1970-01-01 00:00:00.000000010 1970-01-01 00:00:00.000000016      no
4 1970-01-01 00:00:00.000000006 1970-01-01 00:00:00.000000008      no
5 1970-01-01 00:00:00.000000009 1970-01-01 00:00:00.000000016      no
6 1970-01-01 00:00:00.000000004 1970-01-01 00:00:00.000000002     yes
  delivery_status delivery_rating delivery_cost
1       delivered               3      1632.721
2       delivered               5       640.170
3       delivered               4      1448.170
4       delivered               3      1486.570
5       delivered               4      1394.560
6         delayed               3       391.450
> # Extract first 2 characters as Country Code
> logistics$Country_Code <- str_sub(logistics$Order_ID, 1, 2)
```


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