/\* Extract customer data based on age and region \*/

PROC SQL;

CREATE TABLE target\_customers AS

SELECT customer\_id, name, age, region, purchase\_amount

FROM customer\_data

WHERE age BETWEEN 25 AND 45 AND region = 'North';

QUIT;

/\* Create Excel workbook with campaign data \*/

PROC EXPORT DATA=target\_customers

OUTFILE='/path/to/campaign\_output.xlsx'

DBMS=XLSX

REPLACE;

SHEET='TargetCustomers';

RUN;

/\* Calculate total purchases for target customers \*/

PROC MEANS DATA=target\_customers SUM;

VAR purchase\_amount;

OUTPUT OUT=summary\_data SUM=total\_purchase;

RUN;