1. Page2

proc print data=orion.customer\_dim;

run;

proc print data=orion.customer\_dim;

var Customer\_ID Customer\_Name Customer\_Gender Customer\_Country Customer\_Group

Customer\_Age\_Group Customer\_Type;

where Customer\_Age=21;

run;

proc print data=orion.customer\_dim;

where Customer\_Age=21;

id Customer\_ID;

var Customer\_Name

Customer\_Gender Customer\_Country

Customer\_Group Customer\_Age\_Group

Customer\_Type;

run;

1. Page 4 task1 and task2

\*task1;

proc print data=orion.order\_fact;

id Customer\_ID;

var Order\_ID Order\_Type Quantity Total\_Retail\_Price;

sum Total\_Retail\_Price;

where Total\_Retail\_Price>500;

run;

\*task2;

proc print data=orion.customer\_dim;

id Customer\_ID;

var Customer\_Name Customer\_Age Customer\_Type;

where Customer\_Age between 30 and 40;

run;

1. Page 8

proc sort data=orion.sales

out=work.sales\_sort;

by Salary;

run;

proc print data=work.sales\_sort;

run;

1. Page 10

proc sort data=orion.sales

out=work.sales2;

by Country descending Salary;

run;

proc print data=work.sales2;

run;

1. Page 12

proc sort data=orion.sales

out=work.sales2;

by Country descending Salary;

run;

proc print data=work.sales2;

by Country;

run;

1. Page 14

\*task1;

proc sort data=orion.employee\_payroll

out=work.sort\_salary;

by Salary;

run;

proc print data=work.sort\_salary;

run;

\*task2;

proc sort data=orion.employee\_payroll

out=work.sort\_sal;

by Employee\_Gender descending Salary;

run;

proc print data=work.sort\_sal noobs;

var Employee\_ID Salary Marital\_Status;

by Employee\_Gender;

sum Salary;

where Employee\_Term\_Date is missing;

where same and Salary>65000;

title 'The SAS System';

run;

\*task3;

\*Unique;

proc sort data= orion.orders

out=work.orders\_temp nodupkey;

by Customer\_ID;

run;

proc print data=work.orders\_temp;

title 'Unique Customers';

run;

\*Duplicate;

proc sort data= orion.orders nodupkey

dupout=work.orders\_temp;

by Customer\_ID;

run;

proc print data=work.orders\_temp;

title 'Duplicate Customer Observations';

run;

1. Page 19

title1 'Orion Star Sales Staff';

title2 'Salary Report';

footnote1 'Confidential';

proc print data=orion.sales;

var Employee\_ID Last\_Name Salary;

run;

title;

title3 'SECOND TABLE';

proc print data=orion.sales;

var Employee\_ID First\_Name Last\_Name Job\_Title Hire\_Date;

run;

FOOTNOTE;

1. Page 22

proc print data=orion.sales;

var Employee\_ID Last\_Name Salary;

run;

title1 'Orion Star Sales Staff';

title2 'Salary Report';

footnote1 'Confidential';

proc print data=orion.sales label;

var Employee\_ID Last\_Name Salary;

label Employee\_ID='Sales ID'

Last\_Name='Last Name'

Salary='Annual Salary';

run;

title;

footnote;

1. Page 24

\*task1;

title1 'Australian Sales Employees';

title2 'Senior Sales Representatives';

footnote1 'Job\_Title: Sales Rep. IV';

proc print data=orion.sales noobs;

var Employee\_ID First\_Name Last\_Name Gender Salary;

where Country='AU' and Job\_Title contains 'Rep. IV';

run;

title;

footnote;

\*task2;

title 'Entry-level Sales Representatives';

footnote 'Job\_Title: Sales Rep. I';

proc print data=orion.sales noobs split=' ';

where Country='US' and

Job\_Title='Sales Rep. I';

var Employee\_ID First\_Name Last\_Name Gender Salary;

label Employee\_ID='Employee ID'

First\_Name='First Name'

Last\_Name='Last Name'

Salary='Annual Salary';

run;

title;

footnote;

\*task3;

title 'US Employees by State';

proc sort data= orion.employee\_addresses;

by State City Employee\_Name;

run;

proc print data=orion.employee\_addresses noobs;

var Employee\_ID Employee\_Name City Postal\_Code;

where Country='US';

by State;

label Employee\_ID='Employee ID'

Employee\_Name='Name'

Postal\_Code='Zip Code';

run;