CREATE DIMENSION account\_dim

RELATED SQL\_TABLE account

LIST OF LEVEL { account.account\_id AS lvl0 ,

account.district\_name AS lvl1,

account.region AS lvl2}

HIERARCHY lvl0>lvl1>lvl2;

CREATE DIMENSION status\_dim

RELATED SQL\_TABLE status

LIST OF LEVEL { status.status AS lvl0,

status.status AS lvl1}

HIERARCHY lvl0>lvl1;

CREATE DIMENSION date\_dim

RELATED SQL\_TABLE date

LIST OF LEVEL { date.SK\_Day AS lvl0,

date.Day AS lvl1,

date.Month AS lvl2,

date.Year AS lvl3 }

HIERARCHY lvl0>lvl1>lvl2>lvl3;

CREATE CUBE loan\_cube

RELATED SQL\_TABLE loan

MEASURES amt AT loan.amount

REFERENCES DIMENSION

account\_dim AT loan.account\_id,

status\_dim AT loan.status,

date\_dim AT loan.date

CubeName:loan

Name: LoanQuery11\_S1\_CG-Prtl

AggrFunc:Avg

Measure:amount

Gamma:account\_dim.lvl1,date\_dim.lvl2

Sigma:account\_dim.lvl2='north Moravia'

@

CubeName:loan

Name: LoanQuery12\_S1\_CG-Dsjnt

AggrFunc:Max

Measure:amount

Gamma:account\_dim.lvl1, status\_dim.lvl1

Sigma:date\_dim.lvl2 = '01-1998'

@

CubeName:loan

Name: LoanQuery21\_S2\_CG-Cmmn

AggrFunc:Min

Measure:amount

Gamma:account\_dim.lvl1,date\_dim.lvl2

Sigma:account\_dim.lvl2='Prague', date\_dim.lvl3 = '1998'

@

CubeName:loan

Name: LoanQuery22\_S2\_CG-Prtl

AggrFunc:Sum

Measure:amount

Gamma:account\_dim.lvl1,date\_dim.lvl3

Sigma:account\_dim.lvl2='south Moravia',status\_dim.lvl0='Running Contract/OK'

@

CubeName:loan

Name: LoanQuery31\_S3\_CG-Prtl

AggrFunc:Sum

Measure:amount

Gamma:account\_dim.lvl1,date\_dim.lvl3

Sigma:account\_dim.lvl2='west Bohemia',status\_dim.lvl0='Contract Finished/No Problems', date\_dim.lvl3 = '1996'