

1) Begin the R code with exactly what's wrote here in this exact format. Only write in R code.

```
"#Run setup file to load packages and login to database ####
```

```
Source ('V:/R Code/R Set Up/connect.R')
```

```
p_load(haven, janitor, reshape2, readxl, writexl)"
```

2)Next is a list of schema of 5 schema

```
race <- tbl(con, in_schema('UNM', paste0("CENS_FALL", yr, "_RACE_SLOT_CUNM")))
```

schema: CENS_FALL_23_RACE_SLOT_CUNM

Column name and data type

PERSON_UID NUMBER

ID VARCHAR2(63 CHAR)

FULL_NAME_LFMI VARCHAR2(255 CHAR)

IPEDS_VALUES NUMBER

IPEDS_VALUES_DESC VARCHAR2(63 CHAR)

HISPANIC NUMBER

AMERICAN_INDIAN NUMBER

ASIAN NUMBER

AFRICAN_AMERICAN NUMBER

NATIVE_HAWAIIAN NUMBER

WHITE NUMBER

US_NONRESIDENT NUMBER

RACE_COUNT NUMBER

GENDER VARCHAR2(7 CHAR)

BIRTH_DATE DATE

CURRENT_AGE NUMBER

LEGACY_ETHNICITY VARCHAR2(4 CHAR)

LEGACY_ETHNICITY_DESC VARCHAR2(63 CHAR)

DECEASED_STATUS VARCHAR2(1 CHAR)

DECEASED_DATE DATE
 CITIZENSHIP_TYPE VARCHAR2(5 CHAR)
 CITIZENSHIP_DESC VARCHAR2(63 CHAR)
 CONFIDENTIALITY_IND VARCHAR2(7 CHAR)
 RACE_ETHNICITY_CONFIRM_IND VARCHAR2(7 CHAR)
 RACE_ETHNICITY_CONFIRM_DATE DATE
 NATION_OF_CITIZENSHIP VARCHAR2(5 CHAR)
 NATION_OF_CITIZENSHIP_DESC VARCHAR2(63 CHAR)
 EMAIL_PREFERRED_ADDRESS VARCHAR2(90 CHAR)
 VISA_TYPE VARCHAR2(10 CHAR)
 LAST_ACTIVITY_DATE DATE
 FREEZE_DATE DATE
 FREEZE_EVENT VARCHAR2(100 CHAR)
 FREEZE_DATA_SOURCE VARCHAR2(15 CHAR)

Acad_study <- tbl(con, in_schema("UNM"," "CENS_ACAD_STUDY_CUNM"

Next schema is CENS_ACAD_STUDY_CUNM

PERSON_UID NUMBER
 ID VARCHAR2(63 CHAR)
 NAME VARCHAR2(255 CHAR)
 ACADEMIC_YEAR VARCHAR2(63 CHAR)
 ACADEMIC_YEAR_DESC VARCHAR2(255 CHAR)
 ACADEMIC_PERIOD VARCHAR2(63 CHAR)
 ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
 PROGRAM VARCHAR2(63 CHAR)
 PROGRAM_DESC VARCHAR2(255 CHAR)
 PRIMARY_PROGRAM_IND VARCHAR2(1 CHAR)
 START_DATE DATE
 CURRENT_TIME_STATUS VARCHAR2(63 CHAR)

CURRENT_TIME_STATUS_DESC VARCHAR2(255 CHAR)
CURRENT_TIME_STATUS_DATE DATE
CURRICULUM_PRIORITY_NUMBER NUMBER
PROGRAM_NUMBER VARCHAR2(3 CHAR)
CATALOG_ACADEMIC_PERIOD VARCHAR2(63 CHAR)
CATALOG_ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
STUDENT_LEVEL VARCHAR2(63 CHAR)
STUDENT_LEVEL_DESC VARCHAR2(255 CHAR)
DEGREE VARCHAR2(63 CHAR)
DEGREE_DESC VARCHAR2(255 CHAR)
AWARD_CATEGORY VARCHAR2(63 CHAR)
AWARD_CATEGORY_DESC VARCHAR2(255 CHAR)
MAJOR VARCHAR2(63 CHAR)
MAJOR_DESC VARCHAR2(255 CHAR)
PROGRAM_CLASSIFICATION VARCHAR2(63 CHAR)
PROGRAM_CLASSIFICATION_DESC VARCHAR2(255 CHAR)
CAMPUS VARCHAR2(63 CHAR)
CAMPUS_DESC VARCHAR2(255 CHAR)
COLLEGE VARCHAR2(63 CHAR)
COLLEGE_DESC VARCHAR2(255 CHAR)
SITE VARCHAR2(63 CHAR)
SITE_DESC VARCHAR2(255 CHAR)
YEAR_ADMITTED VARCHAR2(63 CHAR)
YEAR_ADMITTED_DESC VARCHAR2(255 CHAR)
ACADEMIC_PERIOD_ADMITTED VARCHAR2(63 CHAR)
ACADEMIC_PERIOD_ADMITTED_DESC VARCHAR2(255 CHAR)
START_DATE_ADMITTED DATE
AGE_ADMITTED NUMBER
NEW_STUDENT_IND VARCHAR2(1 CHAR)

COOPERATIVE_EDUCATION_IND VARCHAR2(1 CHAR)
 YEAR_MATRICULATED VARCHAR2(63 CHAR)
 YEAR_MATRICULATED_DESC VARCHAR2(255 CHAR)
 ACADEMIC_PERIOD_MATRICULATED VARCHAR2(63 CHAR)
 ACADEMIC_PERIOD_MATRIC_DESC VARCHAR2(255 CHAR)
 START_DATE_MATRICULATED DATE
 MATRICULATED_IND VARCHAR2(1 CHAR)
 ADMISSIONS_POPULATION VARCHAR2(63 CHAR)
 ADMISSIONS_POPULATION_DESC VARCHAR2(255 CHAR)
 DEPARTMENT VARCHAR2(63 CHAR)
 DEPARTMENT_DESC VARCHAR2(255 CHAR)
 FIRST_CONCENTRATION VARCHAR2(63 CHAR)
 FIRST_CONCENTRATION_DESC VARCHAR2(255 CHAR)
 SECOND_CONCENTRATION VARCHAR2(63 CHAR)
 SECOND_CONCENTRATION_DESC VARCHAR2(255 CHAR)
 THIRD_CONCENTRATION VARCHAR2(63 CHAR)
 THIRD_CONCENTRATION_DESC VARCHAR2(255 CHAR)
 SECOND_MAJOR VARCHAR2(63 CHAR)
 SECOND_MAJOR_DESC VARCHAR2(255 CHAR)
 SECOND_PROGRAM_CLASSIFICATION VARCHAR2(63 CHAR)
 SECOND_PROGRAM_CLASSIF_DESC VARCHAR2(255 CHAR)
 SECOND_DEPARTMENT VARCHAR2(63 CHAR)
 SECOND_DEPARTMENT_DESC VARCHAR2(255 CHAR)
 SECOND_MAJOR_CONC_1 VARCHAR2(63 CHAR)
 SECOND_MAJOR_CONC_1_DESC VARCHAR2(255 CHAR)
 SECOND_MAJOR_CONC_2 VARCHAR2(63 CHAR)
 SECOND_MAJOR_CONC_2_DESC VARCHAR2(255 CHAR)
 SECOND_MAJOR_CONC_3 VARCHAR2(63 CHAR)
 SECOND_MAJOR_CONC_3_DESC VARCHAR2(255 CHAR)

FIRST_MINOR VARCHAR2(63 CHAR)
FIRST_MINOR_DESC VARCHAR2(255 CHAR)
SECOND_MINOR VARCHAR2(63 CHAR)
SECOND_MINOR_DESC VARCHAR2(255 CHAR)
ENROLLMENT_STATUS VARCHAR2(63 CHAR)
ENROLLMENT_STATUS_DESC VARCHAR2(255 CHAR)
ENROLLMENT_STATUS_DATE DATE
ENROLLMENT_ADD_DATE DATE
STUDENT_POPULATION VARCHAR2(63 CHAR)
STUDENT_POPULATION_DESC VARCHAR2(255 CHAR)
STUDENT_RATE VARCHAR2(63 CHAR)
STUDENT_RATE_DESC VARCHAR2(255 CHAR)
LEAVE_REASON VARCHAR2(63 CHAR)
LEAVE_REASON_DESC VARCHAR2(255 CHAR)
LEAVE_DATE_FROM DATE
LEAVE_DATE_TO DATE
ACADEMIC_STANDING VARCHAR2(63 CHAR)
ACADEMIC_STANDING_DESC VARCHAR2(255 CHAR)
ACADEMIC_STANDING_ACAD_PERIOD VARCHAR2(63 CHAR)
ACAD_STANDING_ACAD_PERIOD_DESC VARCHAR2(255 CHAR)
GRAD_ACADEMIC_PERIOD_INTENDED VARCHAR2(63 CHAR)
GRAD_ACAD_PERIOD_INTENDED_DESC VARCHAR2(255 CHAR)
GRAD_YEAR_INTENDED VARCHAR2(63 CHAR)
GRAD_YEAR_INTENDED_DESC VARCHAR2(255 CHAR)
EXPECTED_GRADUATION_DATE DATE
DUAL_DEGREE VARCHAR2(63 CHAR)
DUAL_DEGREE_DESC VARCHAR2(255 CHAR)
DUAL_DEGREE_LEVEL VARCHAR2(63 CHAR)
DUAL_DEGREE_LEVEL_DESC VARCHAR2(255 CHAR)

DUAL_DEGREE_COLLEGE VARCHAR2(63 CHAR)
DUAL_DEGREE_COLLEGE_DESC VARCHAR2(255 CHAR)
DUAL_DEGREE_DEPARTMENT VARCHAR2(63 CHAR)
DUAL_DEGREE_DEPARTMENT_DESC VARCHAR2(255 CHAR)
DUAL_DEGREE_MAJOR VARCHAR2(63 CHAR)
DUAL_DEGREE_MAJOR_DESC VARCHAR2(255 CHAR)
DUAL_PROGRAM_CLASSIFICATION VARCHAR2(63 CHAR)
DUAL_PROGRAM_CLASSIF_DESC VARCHAR2(255 CHAR)
PRIMARY_ADVISOR_TYPE VARCHAR2(63 CHAR)
PRIMARY_ADVISOR_TYPE_DESC VARCHAR2(255 CHAR)
PRIMARY_ADVISOR_PERSON_UID NUMBER(8,0)
PRIMARY_ADVISOR_NAME_FMIL VARCHAR2(94 CHAR)
PRIMARY_ADVISOR_NAME_LFMI VARCHAR2(94 CHAR)
ADVISOR_COUNT NUMBER
STUDENT_CLASSIFICATION_BOAP VARCHAR2(63 CHAR)
STUDENT_CLASS_BOAP_DESC VARCHAR2(255 CHAR)
STUDENT_CLASSIFICATION VARCHAR2(63 CHAR)
STUDENT_CLASSIFICATION_DESC VARCHAR2(255 CHAR)
GRADUATED_IND VARCHAR2(1 CHAR)
ENROLLED_IND VARCHAR2(1 CHAR)
REGISTERED_IND VARCHAR2(1 CHAR)
REGISTERED_ABQ VARCHAR2(1 CHAR)
REGISTERED_LOS_ALAMOS VARCHAR2(1 CHAR)
REGISTERED_TAOS VARCHAR2(1 CHAR)
REGISTERED_GALLUP VARCHAR2(1 CHAR)
REGISTERED_VALENCIA VARCHAR2(1 CHAR)
STUDENT_STATUS VARCHAR2(63 CHAR)
STUDENT_STATUS_DESC VARCHAR2(255 CHAR)
RESIDENCY VARCHAR2(63 CHAR)

RESIDENCY_DESC VARCHAR2(255 CHAR)
RESIDENCY_IND VARCHAR2(1 CHAR)
PERMIT_REGISTRATION VARCHAR2(1 CHAR)
ACADEMIC_STANDING_END VARCHAR2(63 CHAR)
ACAD_STANDING_END_DESC VARCHAR2(255 CHAR)
ACADEMIC_STANDING_END_DATE DATE
DEANS_LIST_DATE DATE
DEANS_LIST_VALUE VARCHAR2(63 CHAR)
DEANS_LIST_DESC VARCHAR2(255 CHAR)
LAST_ACTIVITY_DATE DATE
FREEZE_DATE DATE
FREEZE_EVENT VARCHAR2(100 CHAR)

The third schema is: CENS_ACADEMIC_STUDY

Column name and data type

PERSON_UID NUMBER
ID VARCHAR2(63 CHAR)
NAME VARCHAR2(255 CHAR)
ACADEMIC_YEAR VARCHAR2(63 CHAR)
ACADEMIC_YEAR_DESC VARCHAR2(255 CHAR)
AID_YEAR VARCHAR2(63 CHAR)
AID_YEAR_DESC VARCHAR2(255 CHAR)
AID_ENROLLMENT_PERIOD VARCHAR2(63 CHAR)
AID_ENROLLMENT_PERIOD_DESC VARCHAR2(255 CHAR)
ACADEMIC_PERIOD VARCHAR2(63 CHAR)
ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
SUB_ACADEMIC_PERIOD VARCHAR2(63 CHAR)
SUB_ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
PROGRAM VARCHAR2(63 CHAR)

PROGRAM_DESC VARCHAR2(255 CHAR)
PRIMARY_PROGRAM_IND VARCHAR2(1 CHAR)
START_DATE DATE
CURRENT_TIME_STATUS VARCHAR2(63 CHAR)
CURRENT_TIME_STATUS_DESC VARCHAR2(255 CHAR)
CURRENT_TIME_STATUS_DATE DATE
CURRICULUM_PRIORITY_NUMBER NUMBER
PROGRAM_NUMBER VARCHAR2(3 CHAR)
CATALOG_ACADEMIC_PERIOD VARCHAR2(63 CHAR)
CATALOG_ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
STUDENT_LEVEL VARCHAR2(63 CHAR)
STUDENT_LEVEL_DESC VARCHAR2(255 CHAR)
DEGREEVARCHAR2(63 CHAR)
DEGREE_DESC VARCHAR2(255 CHAR)
AWARD_CATEGORY VARCHAR2(63 CHAR)
AWARD_CATEGORY_DESC VARCHAR2(255 CHAR)
MAJOR VARCHAR2(63 CHAR)
MAJOR_DESC VARCHAR2(255 CHAR)
PROGRAM_CLASSIFICATION VARCHAR2(63 CHAR)
PROGRAM_CLASSIFICATION_DESC VARCHAR2(255 CHAR)
CAMPUS VARCHAR2(63 CHAR)
CAMPUS_DESC VARCHAR2(255 CHAR)
COLLEGE VARCHAR2(63 CHAR)
COLLEGE_DESC VARCHAR2(255 CHAR)
SITE VARCHAR2(63 CHAR)
SITE_DESC VARCHAR2(255 CHAR)
SITE_STREET_LINE1 VARCHAR2(255 CHAR)
SITE_STREET_LINE2 VARCHAR2(255 CHAR)
SITE_STREET_LINE3 VARCHAR2(255 CHAR)

SITE_STREET_LINE4 VARCHAR2(255 CHAR)
 SITE_CITY VARCHAR2(63 CHAR)
 SITE_COUNTY_CODE VARCHAR2(63 CHAR)
 SITE_COUNTY_CODE_DESC VARCHAR2(255 CHAR)
 SITE_STATE_PROVINCE VARCHAR2(63 CHAR)
 SITE_STATE_PROVINCE_DESC VARCHAR2(255 CHAR)
 SITE_POSTAL_CODE VARCHAR2(63 CHAR)
 SITE_NATION VARCHAR2(63 CHAR)
 SITE_NATION_DESC VARCHAR2(255 CHAR)
 SITE_DELIVERY_POINT VARCHAR2(63 CHAR)
 SITE_CORRECTION_DIGIT VARCHAR2(63 CHAR)
 SITE_CARRIER_ROUTE VARCHAR2(63 CHAR)
 YEAR_ADMITTED VARCHAR2(63 CHAR)
 YEAR_ADMITTED_DESC VARCHAR2(255 CHAR)
 ACADEMIC_PERIOD_ADMITTED VARCHAR2(63 CHAR)
 ACADEMIC_PERIOD_ADMITTED_DESC VARCHAR2(255 CHAR)
 SUB_ACADEMIC_PERIOD_ADMITTED VARCHAR2(63 CHAR)
 SUB_ACADEMIC_PERIOD_ADMIT_DESC VARCHAR2(255 CHAR)
 START_DATE_ADMITTED DATE
 AGE_ADMITTED NUMBER
 NEW_STUDENT_IND VARCHAR2(1 CHAR)
 COOPERATIVE_EDUCATION_IND VARCHAR2(1 CHAR)
 YEAR_MATRICULATED VARCHAR2(63 CHAR)
 YEAR_MATRICULATED_DESC VARCHAR2(255 CHAR)
 ACADEMIC_PERIOD_MATRICULATED VARCHAR2(63 CHAR)
 ACADEMIC_PERIOD_MATRIC_DESC VARCHAR2(255 CHAR)
 SUB_ACADEMIC_PERIOD_MATRIC VARCHAR2(63 CHAR)
 SUB_ACAD_PERIOD_MATRIC_DESC VARCHAR2(255 CHAR)
 START_DATE_MATRICULATED DATE

MATRICULATED_IND VARCHAR2(1 CHAR)
OUTCOME_AWARDED_IND VARCHAR2(63 CHAR)
ADMISSIONS_POPULATION VARCHAR2(63 CHAR)
ADMISSIONS_POPULATION_DESC VARCHAR2(255 CHAR)
DEPARTMENT VARCHAR2(63 CHAR)
DEPARTMENT_DESC VARCHAR2(255 CHAR)
FIRST_CONCENTRATION VARCHAR2(63 CHAR)
FIRST_CONCENTRATION_DESC VARCHAR2(255 CHAR)
SECOND_CONCENTRATION VARCHAR2(63 CHAR)
SECOND_CONCENTRATION_DESC VARCHAR2(255 CHAR)
THIRD_CONCENTRATION VARCHAR2(63 CHAR)
THIRD_CONCENTRATION_DESC VARCHAR2(255 CHAR)
SECOND_MAJOR VARCHAR2(63 CHAR)
SECOND_MAJOR_DESC VARCHAR2(255 CHAR)
SECOND_PROGRAM_CLASSIFICATION VARCHAR2(63 CHAR)
SECOND_PROGRAM_CLASSIF_DESC VARCHAR2(255 CHAR)
SECOND_DEPARTMENT VARCHAR2(63 CHAR)
SECOND_DEPARTMENT_DESC VARCHAR2(255 CHAR)
SECOND_MAJOR_CONC_1 VARCHAR2(63 CHAR)
SECOND_MAJOR_CONC_1_DESC VARCHAR2(255 CHAR)
SECOND_MAJOR_CONC_2 VARCHAR2(63 CHAR)
SECOND_MAJOR_CONC_2_DESC VARCHAR2(255 CHAR)
SECOND_MAJOR_CONC_3 VARCHAR2(63 CHAR)
SECOND_MAJOR_CONC_3_DESC VARCHAR2(255 CHAR)
THIRD_MAJOR VARCHAR2(63 CHAR)
THIRD_MAJOR_DESC VARCHAR2(255 CHAR)
THIRD_PROGRAM_CLASSIFICATION VARCHAR2(63 CHAR)
THIRD_PROGRAM_CLASSIF_DESC VARCHAR2(255 CHAR)
THIRD_DEPARTMENT VARCHAR2(63 CHAR)

THIRD_DEPARTMENT_DESC VARCHAR2(255 CHAR)
THIRD_MAJOR_CONC_1 VARCHAR2(63 CHAR)
THIRD_MAJOR_CONC_1_DESC VARCHAR2(255 CHAR)
THIRD_MAJOR_CONC_2 VARCHAR2(63 CHAR)
THIRD_MAJOR_CONC_2_DESC VARCHAR2(255 CHAR)
THIRD_MAJOR_CONC_3 VARCHAR2(63 CHAR)
THIRD_MAJOR_CONC_3_DESC VARCHAR2(255 CHAR)
FOURTH_MAJOR VARCHAR2(63 CHAR)
FOURTH_MAJOR_DESC VARCHAR2(255 CHAR)
FOURTH_PROGRAM_CLASSIFICATION VARCHAR2(63 CHAR)
FOURTH_PROGRAM_CLASSIF_DESC VARCHAR2(255 CHAR)
FOURTH_DEPARTMENT VARCHAR2(63 CHAR)
FOURTH_DEPARTMENT_DESC VARCHAR2(255 CHAR)
FOURTH_MAJOR_CONC_1 VARCHAR2(63 CHAR)
FOURTH_MAJOR_CONC_1_DESC VARCHAR2(255 CHAR)
FOURTH_MAJOR_CONC_2 VARCHAR2(63 CHAR)
FOURTH_MAJOR_CONC_2_DESC VARCHAR2(255 CHAR)
FOURTH_MAJOR_CONC_3 VARCHAR2(63 CHAR)
FOURTH_MAJOR_CONC_3_DESC VARCHAR2(255 CHAR)
FIRST_MINOR VARCHAR2(63 CHAR)
FIRST_MINOR_DESC VARCHAR2(255 CHAR)
SECOND_MINOR VARCHAR2(63 CHAR)
SECOND_MINOR_DESC VARCHAR2(255 CHAR)
THIRD_MINOR VARCHAR2(63 CHAR)
THIRD_MINOR_DESC VARCHAR2(255 CHAR)
FOURTH_MINOR VARCHAR2(63 CHAR)
FOURTH_MINOR_DESC VARCHAR2(255 CHAR)
NON_TRADITIONAL_IND VARCHAR2(63 CHAR)
ENROLLMENT_STATUS VARCHAR2(63 CHAR)

ENROLLMENT_STATUS_DESC VARCHAR2(255 CHAR)
ENROLLMENT_STATUS_DATE DATE
ENROLLMENT_ADD_DATE DATE
REGISTRATION_REASON VARCHAR2(63 CHAR)
REGISTRATION_REASON_DESC VARCHAR2(255 CHAR)
STUDENT_POPULATION VARCHAR2(63 CHAR)
STUDENT_POPULATION_DESC VARCHAR2(255 CHAR)
STUDENT_MEETING_TIME VARCHAR2(63 CHAR)
STUDENT_MEETING_TIME_DESC VARCHAR2(255 CHAR)
STUDENT_RATE VARCHAR2(63 CHAR)
STUDENT_RATE_DESC VARCHAR2(255 CHAR)
BLOCK_SCHEDULE VARCHAR2(63 CHAR)
BLOCK_SCHEDULE_DESC VARCHAR2(255 CHAR)
LEAVE_REASON VARCHAR2(63 CHAR)
LEAVE_REASON_DESC VARCHAR2(255 CHAR)
LEAVE_DATE_FROM DATE
LEAVE_DATE_TO DATE
ACADEMIC_STANDING VARCHAR2(63 CHAR)
ACADEMIC_STANDING_DESC VARCHAR2(255 CHAR)
ACADEMIC_STANDING_ACAD_PERIOD VARCHAR2(63 CHAR)
ACAD_STANDING_ACAD_PERIOD_DESC VARCHAR2(255 CHAR)
ACADEMIC_STANDING_DATE DATE
ACADEMIC_STANDING_END VARCHAR2(63 CHAR)
ACAD_STANDING_END_DESC VARCHAR2(255 CHAR)
ACADEMIC_STANDING_END_DATE DATE
ACADEMIC_STAND_OVERRIDE VARCHAR2(63 CHAR)
ACADEMIC_STAND_OVERRIDE_DESC VARCHAR2(255 CHAR)
COMBINED_ACAD_STANDING VARCHAR2(63 CHAR)
COMBINED_ACAD_STANDING_DESC VARCHAR2(255 CHAR)

COMBINED_ACAD_STANDING_DATE DATE
COMBINED_ACAD_STAND_END VARCHAR2(63 CHAR)
COMBINED_ACAD_STAND_END_DESC VARCHAR2(255 CHAR)
COMBINED_ACAD_STAND_END_DATE DATE
COMB_ACAD_STAND_OVERRIDE VARCHAR2(63 CHAR)
COMB_ACAD_STAND_OVERRIDE_DESC VARCHAR2(255 CHAR)
PROGRESS_EVALUATION VARCHAR2(63 CHAR)
PROGRESS_EVALUATION_DESC VARCHAR2(255 CHAR)
PROGRESS_EVALUATION_DATE DATE
PROGRESS_EVALUATION_END VARCHAR2(63 CHAR)
PROGRESS_EVALUATION_END_DESC VARCHAR2(255 CHAR)
PROGRESS_EVALUATION_END_DATE DATE
PROGRESS_EVAL_OVERRIDE VARCHAR2(63 CHAR)
PROGRESS_EVAL_OVERRIDE_DESC VARCHAR2(255 CHAR)
GRAD_ACADEMIC_PERIOD_INTENDED VARCHAR2(63 CHAR)
GRAD_ACAD_PERIOD_INTENDED_DESC VARCHAR2(255 CHAR)
GRAD_YEAR_INTENDED VARCHAR2(63 CHAR)
GRAD_YEAR_INTENDED_DESC VARCHAR2(255 CHAR)
EXPECTED_GRADUATION_DATE DATE
DUAL_DEGREE VARCHAR2(63 CHAR)
DUAL_DEGREE_DESC VARCHAR2(255 CHAR)
DUAL_DEGREE_LEVEL VARCHAR2(63 CHAR)
DUAL_DEGREE_LEVEL_DESC VARCHAR2(255 CHAR)
DUAL_DEGREE_COLLEGE VARCHAR2(63 CHAR)
DUAL_DEGREE_COLLEGE_DESC VARCHAR2(255 CHAR)
DUAL_DEGREE_DEPARTMENT VARCHAR2(63 CHAR)
DUAL_DEGREE_DEPARTMENT_DESC VARCHAR2(255 CHAR)
DUAL_DEGREE_MAJOR VARCHAR2(63 CHAR)
DUAL_DEGREE_MAJOR_DESC VARCHAR2(255 CHAR)

DUAL_PROGRAM_CLASSIFICATION	VARCHAR2(63 CHAR)
DUAL_PROGRAM_CLASSIF_DESC	VARCHAR2(255 CHAR)
PRIMARY_ADVISOR_TYPE	VARCHAR2(63 CHAR)
PRIMARY_ADVISOR_TYPE_DESC	VARCHAR2(255 CHAR)
PRIMARY_ADVISOR_PERSON_UID	NUMBER(8,0)
PRIMARY_ADVISOR_NAME_FMIL	VARCHAR2(94 CHAR)
PRIMARY_ADVISOR_NAME_LFMI	VARCHAR2(94 CHAR)
ADVISOR_COUNT	NUMBER
STUDENT_CLASSIFICATION_BOAP	VARCHAR2(63 CHAR)
STUDENT_CLASS_BOAP_DESC	VARCHAR2(255 CHAR)
STUDENT_CLASSIFICATION	VARCHAR2(63 CHAR)
STUDENT_CLASSIFICATION_DESC	VARCHAR2(255 CHAR)
GRADUATED_IND	VARCHAR2(1 CHAR)
ENROLLED_IND	VARCHAR2(1 CHAR)
REGISTERED_IND	VARCHAR2(1 CHAR)
INTENDED_TIME_STATUS	VARCHAR2(1 CHAR)
STUDENT_FTE	NUMBER
FTE_DIVISOR	NUMBER
FTE_IND	VARCHAR2(1 CHAR)
STUDENT_STATUS	VARCHAR2(63 CHAR)
STUDENT_STATUS_DESC	VARCHAR2(255 CHAR)
PERMIT_REGISTRATION	VARCHAR2(1 CHAR)
DEANS_LIST_DATE	DATE
DEANS_LIST_VALUE	VARCHAR2(63 CHAR)
DEANS_LIST_DESC	VARCHAR2(255 CHAR)
SPECIAL_EXAM_CREDIT	VARCHAR2(63 CHAR)
SPECIAL_EXAM_DESC	VARCHAR2(255 CHAR)
TRANSFER_TO_INSTITUTION	VARCHAR2(63 CHAR)
TRANSFER_TO_INSTITUTION_DESC	VARCHAR2(255 CHAR)

WITHDRAWAL_REASON VARCHAR2(63 CHAR)
WITHDRAWAL_REASON_DESC VARCHAR2(255 CHAR)
TRANSFER_CENTER VARCHAR2(63 CHAR)
TRANSFER_CENTER_DESC VARCHAR2(255 CHAR)
ACADEMIC_HISTORY_EXISTS_IND VARCHAR2(1 CHAR)
ENROLLMENT_EXISTS_IND VARCHAR2(1 CHAR)
FREEZE_DATE DATE
FREEZE_EVENT VARCHAR2(100 CHAR)

The next schema is: CENS_STUDENT_ATTRIB

COLUMN_NAME NUMBER
PERSON_UID NUMBER
ACADEMIC_YEAR VARCHAR2(63 CHAR)
ACADEMIC_YEAR_DESC VARCHAR2(255 CHAR)
ACADEMIC_PERIOD VARCHAR2(63 CHAR)
ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
SUB_ACADEMIC_PERIOD VARCHAR2(63 CHAR)
SUB_ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
STUDENT_ATTRIBUTE VARCHAR2(63 CHAR)
STUDENT_ATTRIBUTE_DESC VARCHAR2(255 CHAR)
FREEZE_DATE DATE
FREEZE_EVENT VARCHAR2(100 CHAR)
FREEZE_DATA_SOURCE VARCHAR2(15 CHAR)

The next schema is: CENS_STUDENT_COURSE

COLUMN_NAME DATAA_TYPE
PERSON_UID NUMBER
ID VARCHAR2(63 CHAR)

NAME VARCHAR2(255 CHAR)
ACADEMIC_YEAR VARCHAR2(63 CHAR)
ACADEMIC_YEAR_DESC VARCHAR2(255 CHAR)
ACADEMIC_PERIOD VARCHAR2(63 CHAR)
ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
SUB_ACADEMIC_PERIOD VARCHAR2(63 CHAR)
SUB_ACADEMIC_PERIOD_DESC VARCHAR2(255 CHAR)
COURSE_IDENTIFICATION VARCHAR2(63 CHAR)
SUBJECT VARCHAR2(63 CHAR)
SUBJECT_DESC VARCHAR2(255 CHAR)
COURSE_NUMBER VARCHAR2(63 CHAR)
COURSE_SECTION_NUMBER VARCHAR2(63 CHAR)
COURSE_VERSION VARCHAR2(255 CHAR)
BLOCK_REG_SEQUENCE_NUMBER NUMBER
BLOCK_REGISTRATION VARCHAR2(63 CHAR)
BLOCK_REGISTRATION_DESC VARCHAR2(255 CHAR)
COURSE_REFERENCE_NUMBER VARCHAR2(63 CHAR)
START_DATE DATE
END_DATE DATE
LAST_ATTEND_DATE DATE
EXTENSIONS NUMBER
FINALIZED_COMPLETION_DATE DATE
INSTITUTION_COURSE_IND VARCHAR2(1 CHAR)
IN_PROGRESS_COURSE_IND VARCHAR2(1 CHAR)
TRANSFER_COURSE_IND VARCHAR2(1 CHAR)
REGISTRATION_STATUS VARCHAR2(63 CHAR)
REGISTRATION_STATUS_DESC VARCHAR2(255 CHAR)
REGISTRATION_STATUS_DATE DATE
COURSE_REGISTER_IND VARCHAR2(1 CHAR)

WITHDRAWN_IND VARCHAR2(1 CHAR)
WAITLIST_IND VARCHAR2(1 CHAR)
REGISTER_CENSUS_DATE1_IND VARCHAR2(1 CHAR)
REGISTER_CENSUS_DATE2_IND VARCHAR2(1 CHAR)
SPECIAL_APPROVAL_IND VARCHAR2(1 CHAR)
REGISTRATION_ERROR_FLAG VARCHAR2(1 CHAR)
REGISTRATION_SEQUENCE_NUMBER NUMBER
COURSE_LEVEL VARCHAR2(63 CHAR)
COURSE_LEVEL_DESC VARCHAR2(255 CHAR)
COLLEGE VARCHAR2(63 CHAR)
COLLEGE_DESC VARCHAR2(255 CHAR)
DEPARTMENT VARCHAR2(63 CHAR)
DEPARTMENT_DESC VARCHAR2(255 CHAR)
DIVISION VARCHAR2(255 CHAR)
DIVISION_DESC VARCHAR2(255 CHAR)
COURSE_TITLE_SHORT VARCHAR2(63 CHAR)
COURSE_TITLE_LONG VARCHAR2(255 CHAR)
GRADABLE_IND VARCHAR2(1 CHAR)
SCHEDULE_TYPE VARCHAR2(63 CHAR)
SCHEDULE_TYPE_DESC VARCHAR2(255 CHAR)
INSTRUCTION_METHOD VARCHAR2(63 CHAR)
INSTRUCTION_METHOD_DESC VARCHAR2(255 CHAR)
INTEGRATION_PARTNER VARCHAR2(63 CHAR)
INTEGRATION_PARTNER_DESC VARCHAR2(255 CHAR)
INTEGRATION_PARTNER_SYSTEM VARCHAR2(63 CHAR)
INTEGRATION_PARTNER_SYS_DESC VARCHAR2(255 CHAR)
FEEDBACK_DETAIL_EXISTS_IND VARCHAR2(1 CHAR)
COURSE_BILLING_CREDITS NUMBER(7,3)
COURSE_ATTEMPTED_IND VARCHAR2(1 CHAR)

COURSE_EARNED_IND VARCHAR2(1 CHAR)
COURSE_PASSED_IND VARCHAR2(1 CHAR)
COURSE_FAILED_IND VARCHAR2(1 CHAR)
CREDIT_FOR_GPA_IND VARCHAR2(1 CHAR)
REPEAT_EVALUATE_IND VARCHAR2(1 CHAR)
INCOMPLETE_GRADE_IND VARCHAR2(1 CHAR)
LAST_DATE_ATTEND_REQUIRED_IND VARCHAR2(1 CHAR)
CREDITS_ATTEMPTED NUMBER
CREDITS_PASSED NUMBER
CREDITS_FOR_GPA NUMBER
CREDITS_EARNED NUMBER
QUALITY_POINTS NUMBER
TRADITIONAL_IND VARCHAR2(1 CHAR)
EFF_ACADEMIC_PERIOD_OF_GRADE VARCHAR2(63 CHAR)
COURSE_CREDITS NUMBER(7,3)
HOURS_ATTENDED NUMBER(9,3)
CHARGES_WAIVED_IND VARCHAR2(1 CHAR)
FINAL_GRADE VARCHAR2(63 CHAR)
GRADE_VALUE NUMBER
GRADE_CHANGE_REASON VARCHAR2(63 CHAR)
GRADE_CHANGE_REASON_DESC VARCHAR2(255 CHAR)
GRADE_COMMENT VARCHAR2(63 CHAR)
GRADE_COMMENT_DESC VARCHAR2(255 CHAR)
MID_TERM_GRADE VARCHAR2(63 CHAR)
INCOMPLETE_EXT_DATE DATE
FINAL_GRADE_DATE DATE
FINAL_GRADE_ROLL_IND VARCHAR2(1 CHAR)
GRADE_TYPE VARCHAR2(63 CHAR)
GRADE_TYPE_DESC VARCHAR2(255 CHAR)

COUNT_IN_GPA_IND VARCHAR2(1 CHAR)
REPEAT_COURSE_IND VARCHAR2(1 CHAR)
SECTION_ADD_DATE DATE
CAMPUS VARCHAR2(63 CHAR)
CAMPUS_DESC VARCHAR2(255 CHAR)
REGISTRATION_USER_ID VARCHAR2(63 CHAR)
COURSE_ATTRIBUTES_COUNT NUMBER
GRADE_CHANGE_COUNT NUMBER
TRANSFER_COURSE_INSTITUTION VARCHAR2(255 CHAR)
TRANSFER_COURSE_INST_DESC VARCHAR2(255 CHAR)
COURSE_BILLING_HOLDNUMBER
COURSE_CREDITS_HOLD NUMBER
DUPLICATE_COURSE_OVERRIDE_IND VARCHAR2(1 CHAR)
LINK_OVERRIDE_IND VARCHAR2(1 CHAR)
COREQUISITE_OVERRIDE_IND VARCHAR2(1 CHAR)
PREREQUISITE_OVERRIDE_IND VARCHAR2(1 CHAR)
TIME_CONFLICT_OVERRIDE_IND VARCHAR2(1 CHAR)
CAPACITY_OVERRIDE_IND VARCHAR2(1 CHAR)
LEVEL_RESTRICT_OVERRIDE_IND VARCHAR2(1 CHAR)
COLLEGE_RESTRICT_OVERRIDE_IND VARCHAR2(1 CHAR)
MAJOR_RESTRICT_OVERRIDE_IND VARCHAR2(1 CHAR)
CLASS_RESTRICT_OVERRIDE_IND VARCHAR2(1 CHAR)
SPECIAL_APPROVAL_OVERRIDE_IND VARCHAR2(1 CHAR)
REPEAT_COURSE_OVERRIDE_IND VARCHAR2(1 CHAR)
REPEAT_COURSE_CREDIT_OVER_IND VARCHAR2(1 CHAR)
TEST_SCORE_OVERRIDE_IND VARCHAR2(1 CHAR)
CAMPUS_RESTRICT_OVERRIDE_IND VARCHAR2(1 CHAR)
DEGREE_RESTRICT_OVERRIDE_IND VARCHAR2(1 CHAR)
PROGRAM_RESTRICT_OVERRIDE_IND VARCHAR2(1 CHAR)

DEPARTMENT_RESTRICT_OVER_IND VARCHAR2(1 CHAR)
STUDENT_ATTRIBUTE_OVERRIDE_IND VARCHAR2(1 CHAR)
STUDENT_COHORT_OVERRIDE_IND VARCHAR2(1 CHAR)
MUTUAL_EXCLUSION_OVERRIDE_IND VARCHAR2(1 CHAR)
REGISTRATION_OVERRIDE_IND VARCHAR2(1 CHAR)
STUDY_PATH_SEQUENCE VARCHAR2(1 CHAR)
FREEZE_DATE DATE
FREEZE_EVENT VARCHAR2(100 CHAR)
FREEZE_DATA_SOURCE VARCHAR2(15 CHAR)