# Q 5 Salary Data

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**Question 5:**

**Are specific job titles being offered to candidates of a specific nationality?**

**What jobs title subgroup are being offered in each country?**

**Does the nationality of the candidate affect the status of case?**

```
##                    CASE_NUMBER                       CASE_STATUS
##                              0                                 0
##              CASE_RECEIVED_DATE                     DECISION_DATE
##                              0                                 0
##                  EMPLOYER_NAME         PREVAILING_WAGE_SUBMITTED
##                              0                                 0
## PREVAILING_WAGE_SUBMITTED_UNIT              PAID_WAGE_SUBMITTED
##                              0                                 0
##        PAID_WAGE_SUBMITTED_UNIT                         JOB_TITLE
##                              0                                 0
##                      WORK_CITY           EDUCATION_LEVEL_REQUIRED
##                              0                                 0
##          COLLEGE_MAJOR_REQUIRED           EXPERIENCE_REQUIRED_Y_N
##                             42                                 0
## EXPERIENCE_REQUIRED_NUM_MONTHS             COUNTRY_OF_CITIZENSHIP
##                           6128                                 0
##        PREVAILING_WAGE_SOC_CODE         PREVAILING_WAGE_SOC_TITLE
##                              0                                 0
##                     WORK_STATE           WORK_STATE_ABBREVIATION
##                              0                                 0
##               WORK_POSTAL_CODE              FULL_TIME_POSITION_Y_N
##                              0                                 0
##                     VISA_CLASS           PREVAILING_WAGE_PER_YEAR
##                              0                                 0
##              PAID_WAGE_PER_YEAR                JOB_TITLE_SUBGROUP
##                              0                                 0
##                          order
##                              0
```

# data pre processing

```
## The following objects are masked from df:
##
```

```
##      CASE_NUMBER, CASE_RECEIVED_DATE, CASE_STATUS,
##      COLLEGE_MAJOR_REQUIRED, COUNTRY_OF_CITIZENSHIP, DECISION_DATE,
##      EDUCATION_LEVEL_REQUIRED, EMPLOYER_NAME,
##      EXPERIENCE_REQUIRED_NUM_MONTHS, EXPERIENCE_REQUIRED_Y_N,
##      FULL_TIME_POSITION_Y_N, JOB_TITLE, JOB_TITLE_SUBGROUP, order,
##      PAID_WAGE_PER_YEAR, PAID_WAGE_SUBMITTED, PAID_WAGE_SUBMITTED_UNIT,
##      PREVAILING_WAGE_PER_YEAR, PREVAILING_WAGE_SOC_CODE,
##      PREVAILING_WAGE_SOC_TITLE, PREVAILING_WAGE_SUBMITTED,
##      PREVAILING_WAGE_SUBMITTED_UNIT, VISA_CLASS, WORK_CITY,
##      WORK_POSTAL_CODE, WORK_STATE, WORK_STATE_ABBREVIATION
```