

Tuition Assistance Progress - Outline for SQL code

Data Audit and Analysis of the County's Tuition's Assistance Program

- **1). Applicant's Basic Info**
 - **a). Acceptance/Rejection**
 - How many applicants were accepted in the tuition assistance program from their employers?
 - Why were those applicants accepted for the program?
 - How many applicants were rejected in the tuition assistance program from their employers?
 - Why were those applicants rejected in their application?
 - **b). Education Background**
 - What is the total enrollment by each degree level (AA, Bachelors, Masters', Doctorate, Non-Degrees)?
 - Do the same for the employers. Does this have any connection (or not) to their current job duties and if so how would this benefit their careers?
 - List the different types of majors in which they are enrolled with each department (their employer)
 - How many applicants total who are in the specified major?
 - How many specifically in each degree level that *applicants are in the specified major*
 - How many specifically in each degree and department that *applicants are in the same specified major*?
 - This would give a count of those applicants that are relevant to their coursework and their current job duties to see if they are correlated to each other or different because of their own pursuits.

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- **2). Choosing of School**

- **a). School Attendance**

- How many applicants did they attend at their respective schools?
 - 2-year college (Community College) - AA
 - 4-year college (Universities) - BA or BS
 - Graduate and Professional Schools (see a full list below)
 - Business (MBA)
 - Law (JD, LLM)
 - Pharmacy
 - Medical
 - Dentist
- Full and Part Time by Cost.
 - List those who are full time and part time applicants
 - **HINT - research the schools' tuition to see how you can come up for this part.**
 - **a). Part Time: < \$500 per credit hours**
 - **b). Full Time: > (starting at and above) \$2,000 (for at least 12 credits)**
 - Calculate how **part** or **full** time applicants in each institution by tuition.
 - In-county
 - In-state
 - Out of state
 - If not specified - general fees

Again, research the schools' tuition and fees before calculating this section!!!

- **b). Course Taken**

- List how many applicants have taken for each specified course
 - Ex. MATH120 [Course] at UMCP/UMD [Institution_Name] - 12 applicants [Number_of_Applicants] signed up for the course for this term.
- List how much tuition is for that given course in an academic subject by each institution..
 - Each school sets a different pricing for the course on the academic subject.
- Give the total amount of tuition given for the course
 - Ex. MATH120 [Course] at UMCP/UMD [Institution_Name] - 12 applicants [Number_of_Applicants] signed up for the course for this term - which is at a total cost of \$1200.000 [Cost]
 - Is the course something relevant to their careers and if so how?

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- **3). Monitoring Costs on the County's Budget on this program**
 - **a). Degrees and Tuitions by Institution**
 - **Identify the total tuition cost for each of the *degree* list for all applicants**
 - What can you find from these sources? Are they correlated to the decision of this program and if so how?
 - How would this support the employee's progress of achieving their career goals?
 - **Identify the total tuition cost for each of the *institution* list for all applicants (for all degrees programs)**
 - How would institutions help to achieve the student's progress? What about programs and student support did they receive that would help complete the course?
 - **b). Tuition Processing**
 - Per IRS Requirements, tax-exempt status can be used in tuition assistance if below the \$5,250 cap threshold.
HINT: Use SUM() for the total applicants and the < 5250.00 (in cost attribute) as the symbol.
 - How many applicants have met the tax-exempt requirements?
 - How many applicants do not meet the tax-exempt requirements?
 - In which they would have to pay for the tax.