**DCP-8002 Week 9: Strategize Data Analysis**

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| **Qualitative Research Questions** | **How will you collect the data? (i.e., interview, survey, observation)** | **What types of data will be collected?** | **What *apriori* data codes could you use to find emerging themes?** |
| What is the current level of job satisfaction of special education teachers? | Face to face interviews with special education teachers | Level of job satisfaction of special education teachers | Low levelModerate levelHigh level |
| What is the present level of burnout among teachers in special education sector? | Observation of special education teachers. It will depict burnout in employees | Level of burnout of teachers in special education schools | Low burnout levelModerate burnout levelHigh level of burnout |
| How does job satisfaction influence the level of employee burnout among special education teachers?  | Interviews and focus group discussion with teachers in groups of 5-8 participants | Data on job-related behaviors caused by job satisfaction. | The turnover intention of teachersTeachers’ absenteeismPhysical andemotional tirednessReduced efficiency |
| What kinds of demographic and social factors influence job satisfaction of special education teachers? | Interviews with teachers in special education sector | Demographic and social factors | Age category, female or male gender, annual income level categories, employment status, married or unmarried, working years category |
| How can colleagues influence the level of job satisfaction among special education teachers? | Focus group discussion with special education teachers | Data on support received from colleagues, commendation and team collaboration | Support receivedTeam collaborationCommendation from colleague |
| Can management support influence the job satisfaction level of special education teachers? | Interviews with teachers and management team | Data on support received from the management commendation | Recognition and rewardsJob securityConducive work environmentCareer advancement |

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| **Quantitative Research Questions** | **How will you collect the data?(i.e., archived data, published instrument)** | **What are the variables?** | **What quantitative data analysis technique(s) will you use?** |
| Is there a significant correlation between better pay and job satisfaction of special education teachers? | Teacher Job Satisfaction Questionnaire (TJSQ) tool will be used to collect data | Employee pay or salaryJob satisfaction level | Descriptive statistics Independent T testSpearman correlation |
| Is there a significant relationship between team collaboration and job satisfaction among special education teachers? | Teacher Job Satisfaction Questionnaire (TJSQ) tool will be used to collect data | Team collaboration Level of job satisfaction | Descriptive analysis Spearman correlationChi-square test |
| Is there a correlation between staff shortage and job satisfaction of special education teachers?  | Archived data  | Number staff in a schoolLevel of job satisfaction | Descriptive statistics Independent T-testSpearman correlation |
| Is there a significant relationship between job satisfaction of special education teachers and salary? | Spector’s job satisfaction survey or JSS | Salary/wagesLevel of job satisfaction | Descriptive statistics Independent T testSpearman correlation |
| Is there a significant correlation between job satisfaction of special education teachers and gender? | Spector’s job satisfaction survey or JSS | GenderLevel of job satisfaction | Descriptive analysis Spearman correlationChi-square test |
| Is there a significant relationship between job satisfaction of special education teachers and the number of years worked? | Spector’s job satisfaction survey or JSS | Working yearsLevel of job satisfaction | Descriptive statistics Independent T testSpearman correlation |