Applied Business Research

Week-1 Assignment

**Q1. Does this grant present Dr. Ray with an ethical dilemma(s) in any way?**

A1. The grant was received by Dr. William Ray for conducting a research study on knowing whether the quantitative subjects in their college experience relate to job performance. Dr. Ray has to conduct descriptive research to know the characteristics of the quantitative and its importance in one’s job profile and test the effect in relation to a job promotion. Initially finding the stats by taking a good sample for finding out results, As the citation expressed the survey is for qualified employees who have been working for three years after their college. This grant which Dr. Ray obtained would help in acquiring the appropriate sample to host the survey questions to carry out a study for drawing a conclusion from the employee’s experiences.

**Q2. Derive at least one hypothesis for each research question listed above. Provide a sound rationale or theoretical explanation that leads to the hypotheses.**

**RQ1: Does a student’s liking of quantitative coursework in col­lege affect his or her future earnings?**

**HQ1:** The students’ liking of quantitative coursework in college is positively related to his/her future earnings.

**HQ1:** The employee GPA is negatively related to future earnings.

**RQ2: Do people with an affinity for quantitative courses get promoted more quickly than those who do not?**

**HQ2:** People with an affinity for the quantitative course is negatively related to the promotion.

**HQ2:** People who are not promoted have higher average earnings.

**Q3. List another hypothesis (unrelated to the research questions in the grant) that could be tested with this data.**

A3. With the data collected from the employees,

* Females have more promotions compared to males
* School performance is based on GPA.
* Males are more dominant in acquiring higher GPA.
* Which school has the highest salary and placements?