Associate Statistician - Modesto

Location: Modesto, CA, US, 95354

SUMMARY
Provides statistical support to all winery functions to include study and experimental design, questionnaire development, statistical training, consulting, and data analysis and reporting. Provides support to various cross-functional winery project teams.

ESSENTIAL FUNCTIONS
• Performs statistical analysis in support of winery OGSM’s; partners with management to support Marketing, Sales, Consumer Research, Shopper Marketing, Viticulture, Sensory, Winemaking, Lean Six Sigma, Research Chemistry, Product Development, and other Winery departments as needed.
• Utilizes existing winery data to answer corporate objectives.
• Reviews data and helps management to understand opportunities found within data.
• Performs assigned tasks in support of Information Intelligence leadership as required.
• Conducts full data analysis and assists with recommendation and interpretation; executes the creation of reports.
• Applies expertise with multiple statistical analysis methodologies such as segmentation, regression based modeling, mixed modeling, choice modeling, etc.
• Develops project objectives, experimental designs and participates in executing project tasks for cross-functional projects and initiatives.
• Conducts applications testing to ensure data integrity.
• Develops and documents internal work processes to increase department efficiencies. Processes include data collection and analysis.
• Must maintain satisfactory attendance, to include timeliness.
• Responsible for understanding and complying with applicable quality, environmental and safety regulatory considerations. If accountable for the work of others, responsible for ensuring their understanding and compliance.
• This job description reflects management’s assignment of essential functions; it does not prescribe or restrict the tasks that may be assigned.

QUALIFICATIONS
To perform this job successfully, an individual must be able to perform each essential
duty satisfactorily. The requirements listed below are representative of the knowledge, skill and ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

MINIMUM QUALIFICATIONS
• Master of Science Degree in Statistics
OR
Bachelor’s Degree in Statistics plus 2 years of statistics or marketing research experience.
• High School diploma or GED.

PREFERRED QUALIFICATIONS
• Master of Science Degree in Statistics plus 2 years of statistics of marketing research experience.
• Skilled and experience in applying statistical techniques and concepts.
• Strong oral and communication skills and ability to convey statistical concepts and results to non-technical audiences.
• Database modeling or programming experience.
• Experience reading, analyzing, and interpreting common scientific and technical journals.
• Experience effectively presenting information to peers and management.
• Skilled in the use of MS Excel (templates, macros, pivot tables), PowerPoint and Word at a basic level; knowledge of statistical software such as SPSS, SAS, SQL, R, and IRI Xelrate (IRI).
• Experience conducting statistical analysis methodologies such as experimental designs (i.e. factorial, mixture), segmentation, and regression based modeling, mixed modeling, choice modeling, binomials, or multivariate.
• Skilled in applying principles of advanced calculus, modern algebra, and advanced statistical theory.
• Experience with applying principles of logical or scientific thinking to a wide range of intellectual and practical problems.
• Experience working independently as well as in team environments.
• Experience with dealing with a variety of abstract and concrete variables.

PHYSICAL DEMANDS
The physical demands described here are representative of those that must be met by
an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to sit, use hands to finger, handle, feel, talk and hear.

WORK ENVIRONMENT
The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.