

Statistical Research Analyst, Walt Disney World Orlando

The current position is in the department of Revenue Management and Analytics, Walt Disney World, Orlando, Florida.

Job Description:

- Work with large databases to generate key market insights; identify market drivers and sales trends.
- Develop and support complex predictive modeling, analysis and reporting techniques related to segmentation and trend analysis.
- Develop short term/long term forecasts
- Translate statistical research findings into actionable recommendations that lead to business growth.
- Work with cross functional teams to implement recommendations based on business impact and technical feasibility
- Lead the on-going cross functional effort to optimize and measure the business impact of the recommended changes.

Required skills:

- Advanced statistical modeling expertise including linear as well as nonlinear modeling
- Time Series Forecasting: ARIMA; Exponential smoothing methods
- Knowledge and experience in Segmentation/Cluster analysis methods such as Chaid, Principle Components analysis, k-means clustering and other methods
- Advanced user of SAS- must have experience in writing Macros
- Advanced data mining skills and experience in using SAS Enterprise Miner
- Advanced SQL skills and/or experience in working with Relational Databases
- Automate reports: Generate and publish regularly scheduled reports to support business decisions.
- Ability to analyze multiple data sources to identify issues & areas of improvement.
- Ability to simplify complex data into metrics and recommendations that are easily understood and executable by the cross functional teams.
- Ability to work in teams; build partnerships with other members of the team.
- Strong analytical, quantitative and communication skills.

Education and Experience:

- Ph.D. Degree in Statistics, Applied Mathematics or related quantitative field.

Desired Skills:

- SAS Certification
- Experience in working with relational data bases.
- Knowledge of and experience with Bayesian forecasting methods

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