MICHAEL
ANDERSON

Quantitative Data Analyst

- San Francisco, CA
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Detail-oriented Space Data Analyst with a strong emphasis on quantitative analysis and statistical modeling within the aerospace sector. Expertise in designing and implementing data-driven methodologies to support space mission objectives and enhance system performance. Highly skilled in utilizing advanced statistical software and programming languages to conduct thorough analyses of space-related data.

WORK EXPERIENCE

Quantitative Data Analyst | Raytheon Technologies   Jan 2022 – Present

- Designed statistical models to analyze satellite performance data.
- Conducted quantitative analyses to support engineering design decisions.
- Collaborated with cross-functional teams to enhance data collection processes.
- Presented analytical insights to stakeholders to inform project development.
- Ensured data integrity through rigorous validation processes.
- Participated in training sessions for new analysts on statistical methodologies.

Data Analyst | NASA Goddard Space Flight Center   Jul 2019 – Dec 2021

- Analyzed telemetry data from satellite missions to evaluate performance.
- Utilized statistical software to identify trends and anomalies in data.
- Maintained comprehensive documentation of analysis methodologies.
- Collaborated with scientists to refine research questions and data requirements.
- Presented findings to project teams, enhancing understanding of data implications.
- Supported outreach initiatives by developing educational materials based on data analysis.

SKILLS

Statistical Analysis	Data Integrity	Quantitative Modeling	Aerospace Engineering	Data Visualization	Programming

EDUCATION

Master of Science in Statistics   Los Angeles

University of California

ACHIEVEMENTS

- Improved satellite performance metrics through targeted data analysis initiatives.
- Received the Raytheon Innovation Award for excellence in data-driven decision-making.
- Contributed to significant advancements in aerospace technology through rigorous analysis.

LANGUAGES

English   Spanish   French