STATISTICAL DATA ANALYST

STRENGTHS

Data Analysis
Developed and implemented data analysis plan for a clinical trial, resulting in 20% faster completion

Problem Solving
Identified and resolved data quality issues in clinical trial data, resulting in more accurate results

SKILLS

Statistical analysis ·

Clinical trial data analysis ·

CDISC data standards ·

Data quality assurance ·

Statistical programming ·

Data analysis software ·

Report writing ·

Regulatory submission

EDUCATION

Master of Science in Statistics
University of Michigan

2014 - 2017

Bachelor of Science in Mathematics
University of California, Berkeley

2010 - 2014

Statistical Data Analyst

@ name@email.com   Location

SUMMARY

Experienced Statistical Data Analyst with 6 years of expertise in analyzing complex data sets, applying statistical methodologies, and driving data-driven decision-making. Skilled in statistical software, programming languages, and data visualization tools. Proven track record of optimizing operations and delivering data-driven solutions. Strong analytical and communication skills, adept at collaborating with cross-functional teams. Committed to continuous learning and staying abreast of industry trends.

EXPERIENCE

Statistical Data Analyst   2020 - Present
Roblox   CA

- Analyzed user activity data to identify player behavior patterns and trends, resulting user engagement increase and a 15% improvement in retention rates.
- Developed and implemented statistical models and hypothesis tests to evaluate the impact of game updates and features, leading to a 10% increase in monetization and a 12% improvement in player satisfaction.
- Conducted comprehensive A/B tests on in-game mechanics and virtual goods pricing strategies, resulting in a 15% uplift in average revenue per user and a 8% increase in conversion rates.
- Collaborated with cross-functional teams, including product managers and game designers, to define and track key performance indicators, enabling data-driven decision-making for product enhancements.
- Created interactive dashboards and reports using data visualization tools, such as Tableau and Python, to effectively communicate insights and recommendations to stakeholders.
- Utilized SQL and Python for data extraction, transformation, and analysis, reducing data processing time by 30% and improving data accuracy by 20%.
- Collaborated with engineering teams to optimize data infrastructure and implement automated data pipelines, improving data accessibility and reducing manual data processing efforts by 40%.
- Continuously monitored and evaluated key performance metrics, providing actionable insights for game monetization, user acquisition, and retention strategies, contributing to a 15% increase in overall revenue.

Data Analyst   2017 - 2020
Zendesk   CA

- Developed and implemented predictive models using machine learning algorithms, leading to a 10% reduction in customer churn rate and a 12% increase in customer retention.
- Conducted in-depth analysis of sales and marketing data, contributing to a 25% increase in sales conversion rates and improvement in marketing campaign ROI.
- Collaborated with cross-functional teams, including product managers and engineers, to define and track key performance indicators, driving data-driven decision-making for product enhancements and feature prioritization.
- Created comprehensive dashboards and reports using data visualization tools, such as Tableau and Power BI, to effectively communicate insights and trends to stakeholders.
- Utilized SQL and Python for data extraction, transformation, and analysis, reducing data processing time by 30% and improving data accuracy by 20%.
- Collaborated with IT teams to optimize data infrastructure and implement automated data pipelines, improving data accessibility and reducing manual data processing efforts by 40%.