

STATISTICAL DATA ANALYST

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

2020 - Present

CA

Statistical Data Analyst

Roblox

- 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.

2017 - 2020

CA

Data Analyst

Zendesk

- 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%.

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

2014 - 2017

Master of Science in Statistics

University of Michigan

2010 - 2014

Bachelor of Science in Mathematics

University of California, Berkeley