Data Scientist Position

Key Responsibilities:

* Lead and conduct comprehensive investigations into the virtual economy and products, employing hypothesis-driven insights and experimentation methods.
* Design and implement data science workflows, including experimental design and key statistical methods.
* Communicate complex topics effectively to both technical and non-technical stakeholders.
* Utilize statistical programming languages (R, Python, Julia) and SQL to analyze data.
* Leverage data engineering tools (dbt, Spark, Snowflake) to manage and process large datasets.
* Mentor and guide team members, fostering a culture of growth through teaching and knowledge sharing.
* Collaborate with cross-functional teams to drive business outcomes.
* Develop intuitive data visualizations and dashboards that influence business decisions, using tools like Looker, Tableau, or Mixpanel.
* Continuously seek out new ideas and data sources, applying a data-driven, hypothesis-based approach to solve ambiguous problems.
* QualificationsDegree in Mathematics, Statistics, Computer Science, or a related field.
* 5+ years of experience in analytics or data science positions.
* Deep understanding of statistical analysis, including hypothesis testing and experimentation.
* Proficiency in statistical programming languages (R, Python, Julia) and SQL.
* Familiarity with data engineering tools such as dbt, Spark, and Snowflake.
* Expertise in writing structured and efficient SQL queries for large data sets.
* Experience building intuitive data visualizations and dashboards with tools like Looker, Tableau, Mixpanel, or similar.
* Strong communication skills for explaining complex topics.
* Passion for mentoring team members and recognizing teaching as a pathway to growth.
* Background in gaming and knowledge of the free-to-play business model preferred; similar experience in related industries is also valued.

**Modeling Skills**

* Extensive experience in developing and implementing:
* Predictive Models: Utilizing techniques like regression analysis, time-series forecasting, and ensemble methods.
* Machine Learning Algorithms: Designing and deploying algorithms such as decision trees, random forests, gradient boosting, neural networks, and clustering techniques.
* Statistical Models: Conducting statistical analysis using methods such as ANOVA, hypothesis testing, and Bayesian inference.

**Ideal Candidate**

* Proven track record in the virtual economy and products.
* Experience in the entertainment or platform industry.
* Ability to systematically tackle ambiguous problems with a data-driven, hypothesis-based approach.