Harsh Swami

Hyderabad, Telangana

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Summary

Product Data Analyst with 3+ years of experience specializing in analytics within the gaming industry (including experience at Electronic Arts). Highly skilled in driving data-informed decision-making and leveraging advanced analytics to support product development and improvement

Skills

- **Programming & Databases:** SQL (Snowflake, Redshift, Presto), Python (Pandas, NumPy, PySpark, Scikit-learn)

- **Data Analytics & Visualization:** Tableau, Looker, Statistical Modeling, Dashboard Development, Data Transformation

- **Data Operations:** Data Quality Validation, ETL Processes, Query Optimization, KPI Development, Telemetry Designing

- **Tools & Collaboration:** GIT, JIRA, Confluence, MS-Office

Experience

Electronic Arts (EA) · Nov 2024 – Present
Associate Product Analyst · *Hyderabad, Telangana*

- Partnered directly with Product Managers (PMs) for Real Racing 3 (RR3) to define data requirements and design telemetry implementation for new features, ensuring data-informed decision-making

- Conducted full-cycle A/B testing analysis for critical new features, providing stakeholders with clear insights on performance, hypothesis validation, and strategic recommendations..

- Developed a Growth Model Dashboard (inspired by frameworks like Duolingo) focused on increasing user retention and engagement, translating complex data into actionable product strategies.

- Created high-level KPI dashboards and performed detailed Battle Pass analysis for NBA Live Mobile and Madden Mobile. Collaborated with PMs to define data requirements and automated scripts to update estimated data tables

- Managed and validated data quality across petabyte-scale user datasets (Snowflake, Redshift). Leveraged AI tools securely to optimize complex SQL queries, dramatically improving efficiency without compromising data integrity.

Netcracker Technology Solution(India) Private Limited · Sep 2022 – Oct 2024
QA Engineer · *Gurgaon, Haryana*

- Led data migration testing using Advanced SQL to rigorously validate data integrity, accuracy, and completeness across large system transitions, ensuring zero data loss and high data quality for downstream analytics.

- Provided Level 1 support for critical system defects, executing detailed root cause analysis and generating precise error documentation for timely resolution and seamless handoff to engineering teams across different time zones.

- Managed and prioritized complex testing projects under stringent deadlines, demonstrating strong organizational skills and effective cross-functional collaboration to adapt to changing project requirements.

Projects

Growth Model Dashboard & Battle Pass Analysis | *Tableau, SQL,*

- Built and deployed a Markov Chain-based growth model (Tableau, SQL, Python) to segment users, analyze transition probabilities, and provide data-driven recommendations for improving long-term retention in Real Racing 3.

- Conducted detailed Battle Pass performance analysis (SQL, Tableau) across NBA Live Mobile and Madden Mobile, monitoring KPIs, identifying monetization trends, and informing feature optimization for subsequent seasons.

Achievements

- **STAR Performer Award:** Recognized as top **5%** of employees for outstanding performance at Netcracker.

- **Certified Advanced Data Analyst** by Google, demonstrating proficiency in data analytics, statistical modeling, and visualization.

Education

University of Hyderabad · Aug 2019 - Aug 2022
Masters in Computer Applications (CGPA: 8.28) · *Telangana, India*

University of Rajasthan · Jun 2015 - Jul 2018
Bachelors in Computer Applications (69%) · *Rajasthan, India*