

# Statement of Qualifications: Jay Kachhadia

**Field of Endeavor:** Machine Learning Strategic Operations & Enterprise AI Architecture

## Criterion 1: Original Contributions of Major Significance

- **Unified ML-Financial Ecosystem:** Designed and implemented a proprietary machine learning forecasting framework that serves as the strategic brain for a global content portfolio valued at over **\$1B annually**. This engine manages the data logic for a library of **\$100M+ content assets** across Paramount+. It directly powers the **Automated Talent Payout Infrastructure**, a first-of-its-kind system where ML logic governs the end-to-end fiscal lifecycle—automatically calculating and triggering bonus distributions for talent (Cast and Directors).
- **National Election Analytics (The "Illuminating" Project):** Led technical contributions for a high-stakes research initiative **nationally funded by the Knight Foundation and the Tow Center at Columbia University**. Developed ML models to analyze **18M+ social media interactions** to provide transparency in U.S. computational journalism and electoral integrity. [Google Scholar: 33 Citations](#)
- **Global Industry Validation:** Authored original research on "Full-Stack Data Science" methodologies specifically selected for promotion by **Dataiku** (a multibillion-dollar AI firm) to their international audience. [Dataiku Endorsement](#)

## Criterion 2: Leading and Critical Roles

- **Data Science Management at Paramount+:** Lead the ML infrastructure for a premier global media organization serving **79M+ active subscribers**.
- **Systemic Organizational Reliance:** Paramount's billion-dollar content strategy and talent payout continuity rely on the proprietary ML frameworks architected and maintained by this role.
- **Enterprise AI Leadership:** Direct senior technical operations for the division's South Florida headquarters, overseeing the critical ML systems that drive regional and global content financial operations.

## Criterion 3: Participation as a Judge of the Work of Others

- **Expert Judge for MakeHarvard 2021:** Invited by **Harvard University** to serve as a technical judge for their premier hardware hackathon, evaluating the work of top-tier global engineering talent. [Official Judge Listing](#)
- **Expert Judge for swampHacks 2026:** [Official Judge Listing](#)
- **Professional Peer Review:** Maintain a consistent history of evaluating high-stakes technical implementations at both the university and enterprise levels.

## Criterion 4: Scholarly Articles & Thought Leadership

- **100,000+ Global Readers:** Featured author on the industry-standard publication *Towards Data Science*, with technical articles reaching a viral audience of over **100,000** practitioners. [Medium Profile](#) | [Featured Article](#)
- **Expert Speaker & Panelist:** Invited speaker at elite conferences including:
  - **Data Science Salon Miami 2025:** Panelist alongside leaders from **Google** and **JPMorgan Chase**. [Speaker Profile](#)
  - **AI Summit Silicon Valley:** Featured alongside **Amazon** and **FedEx** leaders. [Conference Article Feature](#)
  - **Data Science UA Conference:** Presented "Full Stack Data Science: The Next Gen of Data Scientists Cohort." [Conference Details](#)
  - **Data Science Salon 2020/2024:** [2020 Presentation](#) | [2024 Recognition](#)
- **Expert Podcast Feature:** Featured guest on the **Codebasics Podcast**, providing professional guidance to the global data science community. [Podcast Link](#)
- **Refresh Miami Feature:** Featured as Guest Writer and Industry Opinion - <https://refreshmiami.com/news/beyond-the-streaming-wars-the-ai-infrastructure-battle-no-one-talks-about/>

## Criterion 5: National and International Awards

- **Top 0.5% National Rank (JEE Advanced):** Ranked **7,131 out of ~1.4 million candidates** in India's 2014 JEE Advanced, established as a baseline of national excellence early in the career.
- **Enterprise Innovation Awards:**
  - **Winner:** CBS All Access Hackathon 2020 (Issued by ViacomCBS).
  - **Winner:** CBS Interactive Hackday 2019 (Company-wide competition).
- **Academic Honors:** Recipient of the **2X Graduate Excellence Scholarship 2019-20** (Syracuse University), awarded to the top tier of the cohort.
- **INstem Mentor:** <https://nationalmedals.org/expert/jay-kachhadia/>

## Criterion 6: High Remuneration

- **Top-Tier Compensation:** Earn a total annual compensation of **\$233,000**. Based on Bureau of Labor Statistics (BLS) data and regional benchmarks for Florida, this salary sits in the highest percentile of earners for the field.

## Criterion 7: Leadership in Distinguished Associations

- **Google Developers Group (GDG) Lead:** Selected by Google to lead the GDG chapter at NIT Surat, a role requiring a rigorous expert vetting process.
- **Syracuse Data Science Club President:** Elected to lead the prestigious graduate organization at Syracuse University.

## Criterion 8: Published Material

- **Industry Recognition:** Professional work and leadership have been analyzed and featured on major trade platforms including **Dataiku** and **Data Science Salon**, where the candidate is explicitly recognized as a "Data Leader."

