



At Warner Music Group, we're a global collective of music makers and music lovers, tech innovators and inspired entrepreneurs, game-changing creatives and passionate team members. Here, we know that each talent makes our collective bolder and brighter. We are guided by four core principles that underpin everything we do across all our diverse businesses:

- **Music is Everything:** Music is our passion, and we can never get enough. Tastes, trends, and tech will change, but great artists and songwriters will always be our driving force.
- **Global Growth, Local Expertise:** Music is a global language. Through communication and collaboration, our success can come from anywhere and translate everywhere.
- **Innovation and Insight:** Pushing the boundaries requires the best information and the boldest imagination. We use both to create the future.
- **Empowered by People:** Like the artists we serve and the music they make, our differences make us stronger. This is a place where every talent can belong and build a career.

We remain committed to Diversity, Equity, and Inclusion. We know it fosters a culture where you can truly belong, contribute, and grow. We encourage applications from people of any age, gender identity, sexual orientation, race, religion, ethnicity, disability, veteran status, and any other characteristic or identity.

Consider a career at WMG and get the best of both worlds – an innovative global music company that retains the creative spirit of a nimble independent.

**Job Title:** Vice President Data Science

**Reporting to:** Senior Vice President Data Science

**Location:** NYC, USA

**A little bit about our team:**

The Data Science department works to influence WMG's strategy and optimize immediate and long-term operations through data and insights. This position sits at WMG's NYC office, working within the Global Data Organization, WMG affiliates/labels, WMG international teams, and WMG Business Development to understand & curate the trends, patterns & dynamics – the audiences & listening behaviors – for WMG's music.

**Your role:**

The person in this role will:

- Instantiate & Productionize a suite of enterprise level models and applications that service the global WMG business. In particular: data pipelines, production-ready models for forecasting, API interfaces for UI/UX
- Lead expertise in productionization of a Bayesian predicting suite and in Bayesian model workflow.
- Hands-on assist with business facing imperatives: *ad hoc* research requests, statistical models and knowledge reporting.





**Here you'll get to:**

- Develop new forecasting and prediction tools based on concatenation and compilation of listening behavior (audience segmentation, audience-to-content insight, product life cycle modelling, social behavior modelling).
- Establish data ingestion best practices; guide analysis into action and results.
- Create modelling suite repositories, feature engineered semantic layers, model comparison repositories and testing assays.
- Develop new testing and decision making for real time assessment listening viewing patterns and performance of music delivery streams.
- Engage with *ad hoc* Business Intelligence requests; produce clear and insightful data-driven recommendations.
- Interact with data engineering teams to codify data needs.
- Help Create a stable and persistent audience/population platform.

**About you:**

- Doctoral degree and/or/with 7+ years of work experience or commensurate in Statistics, Computer Science, Computational Sociology, Quantitative Finance, Economics, Mathematics or similar.
- Proficiency in several R, Python, SQL, Stan, Julia, BUGS, etc.
- Proficiency in Bayesian process modelling, probabilistic computing, and productionizing Bayesian models
- A results-oriented mind-set with strong analytical skills and problem-solving ability.
- Strong interpersonal skills and ability to communicate clearly and effectively (orally and in writing).
- Strong organizational skills with ability to work on multiple projects.
- Competence at transitioning and enhancing descriptive analytic work to predictive forecasting tools and understanding.
- Prompt, focused work habits and delivery

**We'd love it if you also had:**

- 5+ years of hands-on experience directing a Bayesian data science team to clear deliverables.





- Familiar experience with digital marketing data science functions: data fusion, probabilistic joins for first party data to third party data, augmenting data profiles with aggregate trait and behavior covariates.
- Hands-on experience with Data Science semantic/feature engineering .

#### About us:

As the home to Asylum, Atlantic, East West, Elektra, FFRR, Fueled by Ramen, Nonesuch, Parlophone, Rhino, Roadrunner, Sire, Warner Records, Warner Classics, and several other of the world's premier recording labels, Warner Music Group champions emerging artists and global superstars alike. And our renowned publishing company, Warner Chappell Music, represents genre-spanning songwriters and producers through a catalogue of more than one million copyrights worldwide. Redefining what it means to be a music company in the 21st century, our consumer brands include trend-setters like UPROXX, Songkick, HipHopDX, and EMP. We're also the home to WMX – the next generation services division that connects artists with fans and amplifies brands in creative, immersive, and engaging ways – and Alternative Distribution Alliance (ADA) – the ground-breaking global distribution company for independent artists and labels.

Together, we are **Warner Music Group: Music With Vision & Voice.**

#### Love this job and want to apply?

Email [kobi.abayomi@wmg.com](mailto:kobi.abayomi@wmg.com)

Don't be discouraged if you don't hear from us right away. We're taking our time to review all resumes, and to find the best people for WMG.

Thanks for your interest in working for WMG. We love it here, and think you will, too.

