
Analytics Leadership Development Program Internship (ALDP) – USBU & GPLS

At Takeda, we are transforming the pharmaceutical industry through our R&D-driven market leadership and being a values-led company. To do this, we empower our people to realize their potential through life-changing work. Certified as a Global Top Employer, we offer stimulating careers, encourage innovation, and strive for excellence in everything we do. We foster an inclusive, collaborative workplace, in which our global teams are united by an unwavering commitment to deliver Better Health and a Brighter Future to people around the world.

The Takeda Analytics team plays a critical role in uncovering deep insights into patient, healthcare practitioner and health system unmet clinical needs to identify ways to improve care and outcomes. Takeda has invested heavily into analytics and data science tools, talent and processes to drive innovation that better shapes strategic decisions. The Takeda Analytics & Data Science teams are empowered to challenge the status quo and play an influential role in shaping strategic decision making. Significant opportunities exist for career advancement in commercial, medical and R&D analytic functions in both US and Global roles.

OBJECTIVES

Takeda's summer **Analytics Leadership Development Program** blends real-world, hands-on experience with an extensive pharmaceutical industry overview. The summer internship provides you a unique perspective into a world-class, data-driven pharmaceutical company while gaining an appreciation of the criticality of commercial analytics.

In the 12-week Commercial Analytics Internship, you will work with an inclusive & supportive team to analyze data, including complicated medical claims and pharmacy prescription datasets, while partnering closely with key business stakeholders to solve critical business problems which impact patients' lives. Interns will have an opportunity to support both actively marketed pharmaceuticals and drugs currently being developed for launch.

You will apply statistical, programming, data wrangling, AI machine learning, data visualization and other techniques for analyzing data. You will also leverage analytical tools, such as Dataiku, Tableau, Amazon Redshift, R, Python, SAS, and/or Databricks. Knowledgeable mentors will provide guidance as you gain professional hands-on experience. You will develop critical thinking and problem solving under the guidance of mentors who have substantial industry experience.

You will have ample opportunities to communicate data findings and business insights to different cross-functional stakeholders, including senior Takeda management and leadership, brand, marketing, and sales teams to practice effective communication. Our internship program also provides you the opportunity to network with people, including access to a vast array of analytical leaders, at Takeda through various planned events and activities.

ACCOUNTABILITIES (Depending on project):

- Performs secondary, commercial market data analyses in the areas of segmentation, customer targeting, program ROI, key performance indicators and ad hoc marketing analyses;
- Supports market and price forecasting through secondary market data analyses

- Applies model building and coding skills to conduct various kinds of analysis on market dynamics such as resource allocation, response to marketing stimuli and customer segmentation and/or targeting using techniques such as optimization, regression, and Monte Carlo simulations.
- Uses the scientific method to uncover business insights by asking challenging business questions, developing hypotheses around them, conducting data experiments, analyzing the results and drawing conclusions from the work to provide actionable intelligence to brand teams.
- Conducts promotion response analysis for all significant brand promotional tactics, including personal and non-personal marketing initiatives, to optimize the company's financial return on investment of these activities.
- Conducts longitudinal claims analysis to identify and assess treatment patterns and algorithms
- Prepares presentations to senior management on matters concerning market planning and analysis, product selection, and changing business environment.

REQUIREMENTS:

- Must be authorized to work in the US on a permanent basis
 - Must be available full time (40 hours/week) for a minimum of 12 weeks during the Summer months
 - Minimum GPA 3.5/4.0
 - Graduate or PhD student with at least one year of university studies prior to internship
 - Returning to university for at least one semester/quarter post-internship
 - Global mindset to thrive in a diverse work environment
 - Excellent communication and presentation skills
 - Knowledge of coding techniques in SAS, R, or Python, as well as advanced Excel skills and Tableau visualization
 - Understanding and application of quantitative principles, concepts, practices, and standards surrounding the use and manipulation of secondary market data sources
 - Master's degree or PhD students in Data Science, Business Analytics, or Marketing Analytics or related field
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