NOVARTIS

Careers in Digital

Through the use of analytics and advanced technologies we are fundamentally transforming how we deliver innovative science, operational excellence and more personalized customer experiences.

100m+

Invested in Digital (USD)

12

Digital priority projects

1 500

Digital and data associates

769m

Lives touched by Novartis

How do we aim to do it?

- Using enhanced predictive power with our 20 petabytes of patient data to develop new medicines and bring them to market faster
- Optimizing and automating processes in order to drive breakthrough innovation and operational excellence
- Partnering with the global healthtech ecosystem

Abhi and his team are using data science to reimagine medicine at Novartis.

Bring your skills and help transform the future of health.
Product Management

Work cross-functionally to drive forward products from conception to launch by connecting technical and business partners as a product owner, product manager, or solution delivery lead at Novartis.

Skills:

- Product Vision
- Project Management
- Product Management
- Product development
- Agile methodologies (Scrum)
- Product portfolio
- Product Launch
- Solution Delivery
- Solution Design
- Solution Deployment

Data Strategy

Bring your passion for data governance and architecture to clean, link and build data pipelines that allow for scalable extraction and analysis.

Skills:

- Data Governance & Protection
- Data Infrastructure & Enterprise Information Management
- Data transformation
- Data Platform
- Data-driven solutions
- Architecture
- Data Quality Management
- Data Ownership
- Metadata Management
- Data informed decision making

Data Engineering

Collaborate with business partners to understand analytics needs, and use your big data skills to provide analytical solutions to internal clients.

Skills:

- Data Architecture
- Data Warehousing
- Big Data Infrastructure
- Machine Learning
- Infrastructure and data set building
- Large-scale data processing
- System maintenance and monitoring
- Raw data analysis
- Structured and unstructured processing for analytic modeling

Digital Marketing

Help drive new ways of reaching and interacting with internal and external partners through digital channels.

Skills:

- eCommerce
- Onmnichannel Marketing
- Customer Engagement
- Brand Management & Innovation
- Cross-functional partnership management
- Digital Transformation
- Commercial Excellence
- Digital Marketing Strategy
- Data & Analytics
- Digital Roadmap
- Digital Engagement
- Social Media Engagement
- User experience Design

Data Science

Coordinate, mine, and analyze large amounts of data to drive optimization across the enterprise.

Skills:

- Advanced Analytics
- Data Visualisation
- Machine Learning
- Artificial Intelligence
- Computer Science

- Data modeling
- Algorithms
- Data Architecture
- Predictive model
- Data wrangling and preprocessing
- Coding
- Data visualization

Developer

Build and create software and applications that support Novartis' digital ambitions.

Skills:

- Front end, backend and full stack technology development
- Cloud, Web and Mobile technologies
- Modern Architecture and Frameworks
- Continuous Integration/Continuous Development (CI/CD)
- Agile & Lean Methodologies

Our journey towards reimagining medicine brings extraordinary opportunities.

Within Digital at Novartis, we:

- Experience industry-first global projects that have a life-changing purpose
- Shape a startup environment in an organization with global reach
- Collaborate in small and nimble teams

Read more about our Data and Digital approach.

Novartis AI for Life Residency Program

The first-of-its-kind for the healthcare industry, this 12-month program aims to give recent data science graduates and researchers an unprecedented opportunity to apply their cutting-edge data science and AI expertise to real-world healthcare challenges.

Learn More

Learn more about Digital at Novartis

- Data and Digital at Novartis
- Artificial Intelligence (AI) at Novartis
- AI is changing the face of healthcare
- Artificial intelligence decodes cancer pathology images
- Embracing big data to understand complex diseases
- Novartis Biome

Related News

- The coronavirus is giving health and pharma companies a chance to woo tech talent
- Breaking Through The Glass Ceiling - A Spring For Women In Artificial Intelligence
- Novartis research shows technology talent increasingly drawn to pharma industry since COVID-19, to solve healthcare challenges

Join us in building the leading medicines company powered by data and digital.

Career Search

Source URL: *https://www.novartis.com/us-en/careers/meet-teams/careers-digital*

List of links present in page

- https://www.novartis.com/us-en/us-en/careers/meet-teams/careers-digital
- https://www.novartis.com/our-focus/data-and-digital
- https://www.novartis.com/our-focus/data-and-digital/artificial-intelligence/ai-life-residency-program
- https://www.novartis.com/our-focus/data-and-digital/artificial-intelligence
- https://www.novartis.com/stories/access-healthcare/ai-changing-face-healthcare
- https://www.novartis.com/stories/discovery/artificial-intelligence-decodes-cancer-pathology-images
- https://www.novartis.com/stories/discovery/embracing-big-data-understand-complex-diseases
- https://www.biome.novartis.com/
- https://www.fastcompany.com/90542938/health-and-pharma-companies-have-a-window-to-woo-tech-talent
- https://www.forbes.com/sites/cognitiveworld/2020/05/25/breaking-through-the-glass-ceilinga-spring-for-women-in-artificial-intelligence/#5522473d778b
- https://www.novartis.com/news/novartis-research-shows-technology-talent-increasingly-drawn-pharma-industry-covid-19
- https://www.novartis.com/us-en/us-en/careers/career-search?
search_api_fulltext=%20AI%20and%20Data%20Science%20Search&country%5B0%5D=LOC_US&field_alternative_country%5B0%5D=LOC_US&early_talent=All&items_per