Ontology Designer - Data42

Job ID
REQ-10067547

11   27, 2025

India

Data42 is Novartis's data and analytics platform, that allows us to integrate different data modalities at scale (discovery, preclinical, clinical, RWD etc.,), to support data-driven decision making across Novartis. Data42 uses Palantir Foundry as one of the key technological components. We're seeking a Palantir Foundry Ontology Designer to translate complex business processes and data into a clear, scalable, and secure Ontology that powers operational applications and analytics. You'll partner with domain experts, data engineers, and application builders to define object, logic sources and action types, relationships, governance controls, and semantic contracts that make data usable, trustworthy, and impactful across the organization.

About the Role

Major accountabilities:

- Lead end-to-end Ontology design in Foundry, defining Object Types, Action Types, relationships, properties, and metrics aligned to business processes and outcomes.
- Translate domain workflows into an operational data model that supports both real-time decisioning and analytical use cases.
- Map upstream data sources and pipelines into the Ontology; establish semantic contracts and data contracts to ensure stability and evolvability.
- Foundry Application Development is a plus
- Configure governance: access controls, row/column-level permissions, lineage visibility, and certification to meet compliance and privacy requirements.
- Collaborate with data engineers to shape transforms and data quality checks that feed Ontology objects and actions.
- Partner with application builders to ensure Ontology supports operational apps, forms, and workflows (e.g., case/issue management, asset lifecycle, supply/finance/ops scenarios).
- Establish versioning, change-control, and deprecation strategies for Ontology elements; maintain documentation and data dictionary.
- Define and track Ontology KPIs (coverage, freshness, quality, adoption, performance) and drive continuous improvement.
- Conduct discovery sessions with stakeholders; facilitate design workshops; provide enablement and best practices across teams.
- Troubleshoot modeling issues, performance bottlenecks, and access constraints; steward Ontology health across dev/test/prod environments.
- Collaborative, product-minded, and iterative approach to design and delivery.
- Comfortable working across strategy, architecture, hands-on configuration, and stakeholder enablement.

Minimum Requirements:

Work Experience:

- Bachelor's degree in Computer Science, Engineering, or related technical field; Master's degree preferred

- 4+ years in data modeling, enterprise data design, or knowledge/graph modeling, with at least 1–2 years working directly with Palantir Foundry Ontology (or equivalent Ontology-driven platforms).
- Strong grasp of conceptual/logical/physical modeling; object–action modeling; relationship/graph patterns; semantic consistency and naming conventions.
- Experience building or supporting Foundry operational applications and workflows using Ontology-driven patterns.
- Exposure to ML/AI integration in Foundry (feature exposure via Ontology, model

inferences as objects/actions).
- Knowledge of cloud data ecosystems (AWS) and modern warehouses/lakes (e.g., Snowflake, Databricks).
- Familiarity with data quality frameworks, schema validation, and testing strategies in CI/CD contexts.
- Hands-on experience integrating heterogeneous data sources and pipelines into operational models; familiarity with SQL and at least one scripting language (e.g., Python).
- Practical understanding of data governance: RBAC, row/column-level security, PII handling, lineage, and compliance controls.
- Proven ability to translate business processes into scalable Ontology designs that support operational and analytical applications.
- Excellent communication and facilitation skills; ability to align diverse stakeholders and document complex systems clearly.

- **Palantir certifications**: Foundry Solution Architect, or Foundry Application Developer

Languages :

- English.

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? https://www.novartis.com/about/strategy/people-and-culture

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: https://www.novartis.com/careers/benefits-rewards

Biomedical Research

Business Unit
Research

India

Hyderabad (Office)

Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area
Research & Development

Job Type
Full time

Employment Type
Regular

Shift Work
No

function adjustKalturaPlayer() { var deviceWidth = window.innerWidth || document.documentElement.clientWidth || document.body.clientWidth; var mediaElement = document.getElementById("kalturaplayer6966e0918139f702602091"); var mediaContainer = mediaElement.closest('.nc-kaltura-media'); var originalWidth = "1200px"; var originalHeight = "674px"; var originalWidthValue = parseFloat(originalWidth); var originalHeightValue = parseFloat(originalHeight); var mediaType = "video"; var isResponsive = false; //Get computed styles of the container element. var parentStyles = window.getComputedStyle(mediaContainer); var finalWidth = parseFloat(parentStyles.width); if (finalWidth var config = { targetId: "kalturaplayer6966e0918139f702602091", provider: { widgetId: "10m7rm1pm", partnerId: "2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false, allowMutedAutoPlay: false, loop: false }, sources: { options: {}, startTime: 0 }, plugins: { download: { disable: true }, "playkit-js-transcript":{ position: "right", //Default: bottom;(' left' , ' right', ' top' , 'bottom') to enable transcript. expandMode: "over", //Default: alongside;(' alongside', ' hidden' , 'over') expandOnFirstPlay: false, showTime: true, downloadDisabled: false, printDisabled: false, disable: true } }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false }, components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [{ presets: ['Playback', 'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get

```
KalturaPlayer.ui.components.Remove } ] } }; config.plugins.preventSeek = { preventSeekForward:
false, preventSeek: false }; config.plugins.floating = { disable: true }; config.plugins.navigation = {
position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; config.plugins['playkit-
js-hotspots'] = { disable: true }; config.plugins['playkit-js-moderation'] = { disable: true };
config.plugins['playkit-js-info'] = { disable: true }; config.plugins.share = { disable: true };
config.ui.uiComponents = []; config.plugins.googleTagManager = {};
config.plugins.googleTagManager.customEventsTracking = {};
config.plugins.googleTagManager.containerId = 'GTM-57RJQ5';
config.plugins.googleTagManager.customEventsTracking.custom = [];
config.plugins.googleTagManager.customEventsTracking = { preset { coreEvents: true, UIEvents:
false, playlistEvents: false, castEvents: false } };
```

```
try { var kalturaPlayer = KalturaPlayer.setup(config); //Add the player to the global array. if (typeof
kalturaPlayerVideos !== 'undefined') { kalturaPlayerVideos.push(kalturaPlayer); } else { var
kalturaPlayerVideos = []; kalturaPlayerVideos.push(kalturaPlayer); } //Load the Player for other
media. kalturaPlayer.loadMedia({entryId: "1dgfvmafo"}); setTimeout(() => {
setupAutoPause(kalturaPlayerVideos); }, 500); function setupAutoPause(players) {
players.forEach((currentPlayer) => { currentPlayer.addEventListener('play', () => {
players.forEach((otherPlayer) => { if (otherPlayer !== currentPlayer && typeof otherPlayer.pause ===
'function') { otherPlayer.pause(); } }); }); }); } } catch (e) { console.error(e.message) }
```


VIDEO

Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to perform the essential functions of a position, please send an e-mail to diversityandincl.india@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

Job ID
REQ-10067547

Ontology Designer - Data42

[Apply to Job](#)

Job ID
REQ-10067547

Ontology Designer - Data42

[Apply to Job](#)

List of links present in page

1. https://www.novartis.com/about/strategy/people-and-culture
2. https://www.novartis.com/careers/benefits-rewards
3. mailto:diversityandincl.india@novartis.com
4. https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/Hyderabad-Office/Ontology-Designer---Data42REQ-10067547
5. https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/Hyderabad-Office/Ontology-Designer---Data42REQ-10067547