

Strokovnjak za podatkovno znanost (m/ ž /d) / Data Science Expert (m/f/d)

Job ID
REQ-10069421

1月 08, 2026

Slovenia

摘要

#LI-Hybrid

Lokacija/Location: Mengeš, Slovenija

Interni naziv pozicije/Internal job title: Tehnolog proizvodnih procesov / Process Expert

Iščemo inovativnega in visoko usposobljenega strokovnjaka za podatkovno znanost, ki se bo pridružil oddelku Novartis Operations in podpiral odločitve na podlagi podatkov v okviru kompleksnih proizvodnih in razvojnih procesov.

Kot strokovnjak za podatkovno znanost boste imeli ključno vlogo pri razumevanju procesov od začetka do konca, prispevali k preiskavam vzrokov odstopanj ter razvijali napredne analitične in napovedne modele. V vaših odgovornostih bodo vključene gradnja kompleksnih podatkovnih baz za omogočanje robustne analitike, razvoj modelov za PAT, identifikacijo »golden batch-a«, napovedovanje med procesom, razvoj digitalnih dvojčkov, MVDA (multivariatna analiza podatkov) ter

uporabo naprednih statističnih in računalniških tehnik za optimizacijo delovanja procesov.

About the Role

Vaš e ključne odgovornosti:

- Izdelava, strukturiranje in vzdrževanje kompleksnih podatkovnih baz, ki podpirajo analitične, modelirne in procesno-raziskovalne aktivnosti.
- Analiza procesov ter podpora proizvodnji pri iskanju in reševanju vzrokov za odstop (RCI).
- Razvoj naprednih modelov, vključno z modeli PAT, modeli » golden batch-a « , algoritmi za napovedovanje in digitalnimi dvojčki.
- Izvajanje MVDA in drugih multivariatnih ter univariatnih statističnih analiz.
- Uporaba računalniških, statističnih in na fiziki temelječih modelirnih pristopov za optimizacijo procesov.
- Sodelovanje s funkcionalno raznolikimi ekipami znotraj Novartis Operations pri razvoju učinkovitih rešitev na področju podatkovne znanosti.
- Zagotavljanje integritete podatkov, dokumentacije modelov ter skladnosti z uveljavljenimi standardi kakovosti podatkov in regulativnimi zahtevami.

Vaš doprinos k delovnem mestu:

- Magisterij iz fizike, matematike, računalniške znanosti, elektrotehnike ali druge tehnološke usmerjene discipline.
- Trdna osnova iz matematike, fizike, računalništva in statistike.
- Praktične izkušnje z MVDA (multivariatna analiza podatkov).
- Izkušnje pri gradnji kompleksnih podatkovnih baz, razvoju modelov, statistični analizi in strojnem učenju.
- Izkušnje z digitalnimi dvojčki, modeliranjem PAT, analizo » golden batch-a « in napovedovanjem.
- Odlično poznavanje sodobnih orodij za podatkovno znanost, programskih jezikov in analitičnih platform.
- Močne analitične sposobnosti, usmerjenost k reševanju problemov ter učinkovite komunikacijske veščine.

Ponujamo vam:

- Delovno razmerje za **nedoločeno** obdobje s poskusno dobo **6 mesecev**.
- Priložnost za delo na kompleksnih znanstvenih in operativnih izzivih znotraj oddelka Novartis Operations.
- Sodelovalno, medfunkcionalno okolje z močnim poudarkom na inovacijah in nenehnem izboljševanju.
- Priložnosti za strokovni razvoj in učenje v okviru globalne organizacije.

Ugodnosti in nagrajevanje:

Konkurenčni plačni paket, letni bonus, fleksibilen načini dela z možnostjo prilagajanja urnika in delom od doma, pokojninska shema, shema nagrajevanja in priznanja dosežkov, razširjeni program promocije zdravja na področju telesnega, duševnega in fizičnega počutja (iniciativa Polni življenja), številne priložnosti za učenje in razvoj.

Preberite naš priročnik, da spoznate načine, s katerimi bomo spodbujali vaš osebni in profesionalni razvoj: <https://www.novartis.com/careers/benefits-rewards>

Predani smo raznolikosti in vključenosti Novartis si prizadeva ustvariti izjemno, vključujočo delovno okolje in oblikovanje raznolikih timov, saj ti predstavljajo naše bolnike in skupnosti, ki jih oskrbujemo.

Pridružite se Novartisu Ni pravo delovno mesto za vas? Prijavite se v našo bazo talentov, da ostanete v kontaktu z nami in se seznanite z ustreznimi kariernimi priložnostmi takoj, ko se pojavijo: <https://talentnetwork.novartis.com/network>

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English version:

We are seeking an innovative and highly skilled Data Science Expert to join Novartis Operations and support data - driven decision - making across complex manufacturing and development processes. As Data Science Expert you will play a key role in understanding end - to - end process behavior, contributing to root - cause investigations, and developing advanced analytical and predictive models. Responsibilities include building complex databases to enable robust analytics, developing models for PAT, golden batch identification, in - process forecasting, digital - twin development, MVDA (Multivariate Data Analysis), and applying advanced statistical and computational techniques to optimize process performance.

Key Responsibilities:

- Build, structure, and maintain complex databases that support analytical, modeling, and process - understanding activities.
- Analyze process behavior and support structured root - cause investigations.
- Develop advanced models including PAT models, golden batch models, forecasting algorithms, and digital twins.
- Perform MVDA and other multivariate and univariate statistical analyses.
- Apply computational, statistical, and physics - based modeling approaches to process optimization.
- Collaborate with cross - functional teams across Novartis Operations to develop impactful data - science solutions.
- Ensure data integrity, model documentation, and adherence to established data - quality and compliance standards.

What you will bring to the role:

- MSc degree in *Physics, Mathematics, Computational Science, Electrotechnics*, or another technology - oriented field.
- Strong foundation in mathematics, physics, computation, and statistics.
- Hands - on experience with MVDA (Multivariate Data Analysis).
- Proven experience in building complex databases, model development, statistical analysis, and machine learning.
- Experience with digital twins, PAT modeling, golden batch analysis, and forecasting.
- Proficiency in modern data - science tools, programming languages, and analytical platforms.
- Strong analytical skills, problem - solving mindset, and effective communication abilities.

What We Offer:

- Permanent employment with 6 months of probation period.
- Opportunity to work on complex scientific and operational challenges within Novartis Operations.
- Collaborative, cross - functional environment with a strong focus on innovation and continuous improvement.
- Professional development and learning opportunities within a global organization.

Benefits and Rewards:

Competitive salary, Annual bonus, Flexible working schedule, tailored to your needs, possibility to work from home, Pension scheme, possibility of joining collective health insurance scheme, Employee Recognition Scheme, Expanded program for the promotion of health in the field of physical and mental well-being and managing workload (Well-being), Unlimited learning and development opportunities.

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

Join our Novartis Network:

If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here:

<https://talentnetwork.novartis.com/network>

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: Learn about all the ways we'll help you thrive personally and professionally. [Read our handbook \(PDF 30 MB\)](#)

部门
Operations

Business Unit
Production / Manufacturing

地点
Slovenia

站点
Mengeš

Company / Legal Entity
SI19 (FCRS = SI019) Novartis farmacevtska proizvodnja d.o.o.

Functional Area
Technical Operations

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("kalturaplayer6982e5e185e63568898934"); 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 > 0) var config = { targetId:
"kalturaplayer6982e5e185e63568898934", 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 } };

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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 diversity.inclusionslo@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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7. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/Menge/Strokovnjak-za-podatkovno-znanost--m--d----Data-Science-Expert--m-f-d-REQ-10069421>
8. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/Menge/Strokovnjak-za-podatkovno-znanost--m--d----Data-Science-Expert--m-f-d-REQ-10069421>