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खंडवा रोड, सिमरोल, इन्दौर – 453 552, मध्य प्रदेश, भारत
IITI DRISHTI CPS Foundation, Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore - 453 552, Madhya Pradesh, India

CIN: U73100MP2020NPL054322

IITI DRISHTI CPS FOUNDATION
(A Section 8 - Not for Profit Company)

Advt. No. – IITI-DRISHTI-CPS/Sec-8/2026/17

Date: 4th May 2026

IITI DRISHTI CPS Foundation is a Technology Translation Research Park (TTRP) hosted at IIT Indore and supported by the Department of Science & Technology (DST), Government of India. The Foundation focuses on Digital Healthcare, Cyber-Physical Systems, system simulation and modelling, translational research, and commercialization of deep-tech innovations. The Foundation works closely with researchers, clinicians, hospitals, healthcare institutions, government bodies, and industry partners to translate technologies from early-stage research to large-scale deployment and commercialization. One of the flagship platforms developed in-house is CharakDT, a rapidly evolving Digital Health and Clinical Decision Support ecosystem <https://drishticps.iiti.ac.in/>.

Job Title: Data Scientist (Multiple Levels)

Job Location: IIT Indore

No. of Positions: 2

Key Responsibilities

- Research, design, and implement innovative statistical and machine learning models or data analysis and predictive insights.
- Collaborate with cross-functional teams to identify opportunities for leveraging data to drive business solutions.
- Mine, interpret, and clean large datasets (structured and unstructured) to uncover meaningful patterns and insights.
- Assist in developing and validating AI/ML models for tasks such as classification, regression, clustering, and recommendation systems.
- Apply data wrangling and preprocessing techniques to ensure data quality, consistency, and suitability for modeling.
- Utilize data visualization tools (e.g., Matplotlib, Seaborn, ggplot, Plotly, Tableau, Power BI) to communicate findings clearly and effectively.
- Contribute to the deployment, monitoring, and optimization of machine learning models in production environments.
- Stay current with emerging AI/ML techniques, tools, and frameworks, and share knowledge with team members.
- Clearly communicate analytical results and insights to both technical and non-technical stakeholders through presentations and reports.
- Work collaboratively with data engineers, analysts, and domain experts to enhance data pipelines and improve data-driven decision-making.



Requirements

- **Educational Qualification:** Bachelor's or Master's degree in Computer Science, Statistics, Mathematics, Data Science, or a related field.
- **Programming & Machine Learning:**
 - Proficiency in Python and its key libraries/frameworks such as NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, and Keras.
 - Understanding of supervised and unsupervised learning algorithms (e.g., regression, decision trees, clustering, neural networks) and concepts like feature engineering, model evaluation, and cross-validation.
 - Familiarity with deep learning principles and frameworks for building and training models.
 - Experience with R, SQL, and other query languages (Hive, Pig) is desirable.
 - Exposure to Scala, Java, or C++ is an added advantage.
- **Mathematics & Statistics:**
 - Strong grasp of statistical concepts, including hypothesis testing, distributions, regression analysis, and probability.
 - Solid understanding of linear algebra, calculus, and optimization techniques used in machine learning.
- **Data Handling & Visualization:**
 - Experience in data cleaning, integration, and transformation for large datasets.
 - Proficiency with visualization and storytelling using tools like Matplotlib, Seaborn, Plotly, or Tableau.
- **Communication & Collaboration:**
 - Excellent communication skills to convey complex findings to diverse audiences.
 - Team-oriented mindset with a curiosity-driven and problem-solving approach.

Additional Requirements or Preferences:

- Proposed Timeline for joining: Immediate / Within 30 days

Compensation: As per Industry Standards

Interested candidates may [click here](#) to submit the application.

Only shortlisted candidates will be called for a written test/interaction/interview. Mere fulfillment of the eligibility criteria does not entitle an applicant to be shortlisted. All the applications will be thoroughly evaluated for suitability with the company's requirements. The company reserves the right to not fill up /cancel the post advertised without assigning any reason. In the case of selection, the role will be finalized by the selection panel and the decision will be binding. The position is contractual, full-time in nature and subject to periodic performance reviews.