<u>NATIONAL HIGHWAYS AUTHORITY OF INDIA</u>

(Ministry of Road Transport & Highways)

The National Highways Authority of India (NHAI) is responsible for development, maintenance and management of National Highways entrusted to it and for matters connected therewith or incidental thereto.

2 . NHAI proposes to engage the services of professionals for the following position on contract basis for IT Project Monitoring Unit at NHAI Headquarters. The details of position and terms & conditions as well as period of engagement, eligibility, experience etc. are as under:-

Sr. No.	Name of the posts	No. of posts*
i)	Assistant Advisor (Data Scientist)	01 (one)

* Number of posts may increase / decrease as per requirement of NHAI.

<u>DETAILS OF ELIGIBILITY CONDITIONS</u>

1	Name of the position	Assistant Advisor (Data Scientist)
2	Number of Posts	One (01)
3	Method of Recruitment	On Contract basis
4	Period of Contract	On Full-Time Contract basis initially for a period of 02 years, which may be extended, subject to performance appraisal, with the approval of the Competent Authority as per EP/YP Policy of NHAI
5	Monthly Remuneration Bands (Rs.)	Rs.1,10,000-1,32,000/- (all inclusive)
6	TA/DA	No TA /DA shall be admissible for joining the assignment or on its completion.
7	Educational Qualification	**Basic Qualification** : Bachelor's degree in Science / Technology / Engineering / Maths / Statistics from a recognized university/ institute. **Desirable Qualification:** Master's degree Science / Technology / Engineering / Maths / Statistics / Business Administration from a recognized university/institute
8	Age Limit	Not exceeding 35 years as on prescribed last date of receipt of online applications.
9	Experience	**Experience:** a. Minimum 02 years experience in Data Science, Analytics with large data sets and proficiency in SQL and strong proficiency in conducting analysis in Python.

		b. Professional Experience building visualizations and dashboards through BI solutions (Power BI, Tableau etc.) c. Fundamental understanding or demonstrated experience of using algorithmic techniques such as machine learning, optimization, NLP, GIS, network analysis is preferred

10	Job Description	a. Support NHAI in management of its core IT Systems (Data Lake and other supplementary or integrated systems). Understand the business requirements and provide technical inputs wherever required.
		b. Designing framework, monitor development of IT enabled products / services such as:
		  i. Incident Response Management System for highway emergencies
		  ii. Rajmarg Yatra App- Citizen interface for NH related feedback and complaints for the highway users.
		  iii. GIS based Portal of NH projects for Planning and Monitoring
		
		c. Support NHAI in its digitization journey by re-engineering the existing offline processes and making them online and seamless. Prepare road maps, roll-out plans etc for use of emerging technologies and BI to strengthen decision support system.
		d. Conduct user interviews and surveys to gather bottom-up feedback/ end user expectations on the functioning of NHAI's IT systems / Mobile apps. Support NHAI to design and roll out systems on Agile model & prioritize SDLC for such initiatives.
		e. Finalize functional requirements, UI/UX wireframes, workflows for ongoing and new requirements and check its effectiveness.
		f. Liaison, with IT vendors and downstream NHAI counterparts to provide supervisory services and help NHAI in contract management with vendors. Monitoring the use of NHAI IT systems and preparing KPIs for vendor management.
		g. Review and approve software artefacts to ensure it meet customer, business and compliance requirements.
		h. Co-ordination with high level authorities and stakeholder of other organizations for faster delivery of solutions and resolutions.
		i. Any other responsibility as assigned by NHAI during the tenure.

The terms and conditions of engagement will be according to NHAI Policy Guidelines for engagement of External Professionals and Young Professionals No. 1.3.1.37/2024 dated 06.08.24. The Policy Guidelines are attached with the Advertisement.

NHAI will have the right to terminate the contract at any time, without

assigning any reason.

Submission of Applications: Applications are to be submitted online only. The procedure to be followed for filling up the online application is given in the online application portal, which can be accessed at http://www.nhai.gov.in. Eligible candidates may apply online on the link provided on the website of NHAI **by 17.04.2026 (upto 06:00 PM).**

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