

No. KUDSIT/02/ Ad.A1/2021

Technocity, Dated: 28.03.2022

NOTIFICATION

Kerala University of Digital Sciences, Innovation and Technology invite applications from qualified Indian Citizens for appointment to the following posts (on a contract basis) for the University. Candidates shall apply online through the Recruitment Portal. The guidelines for the submission of applications are available in the recruitment portal.

DETAILS OF POST, QUALIFICATION, EXPERIENCE ETC. REQUIRED

CATEGORY I

Job Code	: SDS/032022/ 02
Name of Post	: Senior Data Scientist
No. of Vacancies	: Not Estimated
Remuneration	: Rs.50,000/- Rs.60,000/- (Consolidated)
Age	: Should not exceed 35 Years as on the last date for submission of application
Job Description/ Key Responsibilities	<ul style="list-style-type: none"> Take ownership of data analysis activities and work closely with end-users (both internal and external clients) to translate requirements into data-driven applications and data visualization solutions (reports and dashboards). Responsible for data injection, transformation, analysis, and visualization. Design and implementation of medium to large custom application data models. Excellent analytical skills. Exceptional communication skills Knowledge in ML and DL and Work experience in Microservices would be added advantage Product development experience would be an added advantage Understand the requirements, current state architecture of the enterprise and create a roadmap for future enhancements accordingly.
Essential Educational Qualification	MSc in Information Technology /Computational Science/ Computer Science (Specialization in Data Analytics) from a recognized University/Educational Institution.
Essential Experience	Minimum 2 years mandatory experience in Machine Learning/Deep Learning with Python



Skill Required	<ul style="list-style-type: none"> • Programming experience with analytical tools and languages using Python (Mandatory). • Knowledge of SQL and NoSQL platforms (such as MySQL/PostgreSQL, ElasticSearch/MongoDB/CouchBase, knowledge in key-value stores, graph databases, RDF triple stores). Hands on experience with Natural Language Processing. • Hands-on experience with the Hadoop stack (e.g. Map Reduce, Sqoop, Pig, Hive, HBase, Flume) and Spark • Strong agile/scrum development experience • Strong analytical skills in the tax domain.
Nature of Appointment	On contract basis initially for a period of 3 years and extendable up to 5 years based on performance.

CATEGORY II

Job Code Name of Post No. of Vacancies Remuneration Age	: LDS/032022/ 02 : Lead Data Scientist : Not Estimated : Rs.60,000/- Rs.65,000/- (Consolidated) : Should not exceed 40 Years as on the last date for submission of application
Job Description/ Key Responsibilities	<ul style="list-style-type: none"> • Take ownership of data analysis activities and work closely with end-users (both internal and external clients) to translate requirements into data-driven applications and data visualization solutions (reports and dashboards). • Responsible for data injection, transformation, analysis, and visualization. • Design and implementation of medium to large custom application data models. • Hands-on experience with the Hadoop stack (e.g. Map Reduce, Sqoop, Pig, Hive, Hbase, Flume) • Strong agile/scrum development experience • Proven experience in systems architecture, design, and development • Degree in Engineering, Information Systems, or related. • Sound knowledge of estimation techniques. • Sound knowledge of Java /Python/R, Web Services, etc. • Good understanding of unit testing methodologies. • Extensive knowledge in design, creation, and consumption of RESTful API • Extensive knowledge in automated unit testing using JUnit, EasyMock, PowerMock, Mockito • Extensive Knowledge in writing SQL queries and interacting with database systems such as PostgreSQL, MySQL, MariaDB etc. • Knowledge in interacting with messaging systems such as RabbitMQ, ActiveMQ, Kafka • Thorough orientation towards Code reviews, Coding



	<p>standards, Design Standards, and Code Documentation</p> <ul style="list-style-type: none"> • Excellent analytical skills. • Exceptional communication skills • Knowledge in ML and DL and Work experience in Microservices would be added advantage • Product development experience would be an added advantage • Understand the requirements, current state architecture of the enterprise and create a roadmap for future enhancements accordingly. • Prepare Software Requirement Specification Document, HLD & LLD, Non-functional requirements for the project. • Mentor and monitor the activities of teammates, assign team tasks, and lead team activities effectively. • Strong analytical skills in the tax domain.
Essential Educational Qualification	MSc in Information Technology /Computational Science/ Computer Science (Specialization in Data Analytics)from a recognized University/Educational Institution.
Essential Experience	6 years of relevant experience (Out of which minimum 2 years mandatory experience in Machine Learning/Deep Learning with Python/R)
Skill Required	<ul style="list-style-type: none"> • Programming experience with analytical tools and languages like Python (Mandatory). • Knowledge of SQL and NoSQL platforms (such as MySQL/PostgreSQL, ElasticSearch/MondoDB/CouchBase, knowledge in key-value stores, graph databases, RDF triple stores) • Hands-on experience with the Hadoop stack (e.g. Map Reduce, Sqoop, Pig, Hive, HBase, Flume) • Strong agile/scrum development experience.
Nature of Appointment	On contract basis initially for a period of 3 years and extendable up to 5 years based on performance.

CATEGORY III

Job Code	: JDS/032022/ 02
Name of Post	: Junior Data Scientist
No. of Vacancies	: Not Estimated
Remuneration	: Rs.30,000/- Rs.35,000/- (Consolidated)
Age	: Should not exceed 35 Years as on the last date for submission of application
Job Description/ Key Responsibilities	<ul style="list-style-type: none"> • Take ownership of data analysis activities and work closely with end-users (both internal and external clients) to translate requirements into data-driven applications and data visualization solutions (reports and dashboards). • Design and implementation of medium to large custom application data models



Essential Educational Qualification	M.Sc. in Computer Science with specialization in Data Analytics from a recognized University/Educational Institution.
Essential Experience	Minimum 6 months mandatory experience in Machine Learning/Deep Learning with Python.
Skill Required	<ul style="list-style-type: none"> • Implementation of Machine learning & Data Analytics using python • Knowledge of SQL and NoSQL platforms (such as MySQL/PostgreSQL, ElasticSearch/MondoDB/CouchBase/HBase, knowledge in key-value stores, graph databases) • Hands-on experience with the Hadoop stack (e.g. Map Reduce, Sqoop, Pig, Hive, HBase, Flume, Spark) and Spark
Nature of Appointment	On contract basis initially for a period of 1year and extendable based on performance.

CATEGORY IV

Job Code	: DSI/032022/ 02
Name of Post	: Data Scientist Intern
No. of Vacancies	: Not Estimated
Remuneration	: Rs.20,000 (Consolidated)
Age	: Should not exceed 30 Years as on the last date for submission of application
Job Description/ Key Responsibilities	<ul style="list-style-type: none"> • Take ownership of data analysis activities and work closely with end-users (both internal and external clients) to translate requirements into data-driven applications and data visualization solutions (reports and dashboards). • Design and implementation of medium to large custom application data models
Essential Educational Qualification	M.Sc. in Computer Science with specialization in Data Analytics from a recognized University/Educational Institution.
Essential Experience	Minimum 3 months mandatory experience in Machine Learning/Deep Learning with Python.
Skill Required	<ul style="list-style-type: none"> • Implementation of Machine learning & Data Analytics using python • Hands-on experience with the Hadoop stack (e.g. Map Reduce, Sqoop, Pig, Hive, HBase, Flume, Spark) and Spark
Nature of Appointment	On contract basis initially for a period of 1year and extendable based on performance.

Age relaxation for submission of application:

5 years for candidates belonging to SC/ ST and 3 years for OBC candidates.

Mode of Selection:

The selection will be based on an interview.



General Instructions:

1. Scanned copy of the documents to prove age, qualifications, experience, etc. should be uploaded along with online application and originals to be produced as and when called for. **Applications without attaching the above documents shall be summarily rejected.** No further chance will be given for submitting the same.
2. Candidates, who are in the service of the Government of India or any of the State Governments, etc. while applying, should obtain a No Objection Certificate from their Head of Office or Department and keep it with them. If candidates fail to produce the No Objection Certificate as and when called for, his/her candidature will stand canceled.
3. Candidates should ensure that the particulars furnished by him/her are correct in all respects. **Anything not specifically claimed in the application against the appropriate field will not be considered at a later stage. No deviation whatsoever from the filled in data will be entertained.** In case it is detected at any stage of the recruitment that a candidate does not fulfill the eligibility norms and /or that he/she furnished any incorrect/false information or has suppressed any material fact, his/her candidature will stand cancelled. If suppression of material facts or furnishing of any incorrect/false information is detected even after appointment, his/her service is liable to be terminated.
4. Applications submitted without fulfilling the eligibility and other norms mentioned in this Notification as well as the instructions published in the Recruitment Portal of the University will be summarily rejected.
5. In case any discrepancy/ambiguity in the process of selection, the decision of the University shall be final and binding.
6. **Consequent up on adoption of self- certification provisions , the University shall process the applications entirely on the basis of the information / documents provided with the application. The appointment will be provisional and subject to physical verification of the documents.**
7. Applications submitted without fulfilling the eligibility and other norms mentioned in this notification as well as the instructions published in the recruitment portal of the University will be summarily rejected.
8. Canvassing in any form will entail the cancellation of candidature.
9. **Duplicated applications will be rejected (only one application/post will be considered for the final interview).**

How to Apply:

1. Applications shall be submitted online latest on **11.04.2022** The application form is available at <https://www.duk.ac.in/careers>.
2. The applications received after the last date fixed or the incomplete applications or the applications without filling the relevant field will be summarily rejected.
3. No interim queries after the submission of the application will be entertained. The candidates will be intimated the schedule of the Test/ Interview through their registered email only.
4. The candidates are advised to check their registered e-mails regularly after the last date fixed for the submission of the application.
5. The University has the right to cancel the advertisement or entire selection process at any stage without assigning reason thereof and the decision of the University shall be final.

Registrar



