
Report on "Kaggle Project Research Internship Program" , Department of Computer Application, Integral University

1 message

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Thu, Apr 25, 2024 at 8:16 AM



Kaggle Project Research Internship Program



Dear All,

It gives us immense pleasure to present the report on the **Kaggle Project Research Internship Program** organized by the **Department of Computer Application** from February 9, 2024, to April 15, 2024. This program was designed to offer a platform for budding data scientists to participate in practical projects utilizing Kaggle's vast dataset collection and collaborative environment. During this internship, participants were encouraged to refine their abilities in data analysis, machine learning, and model development while making valuable contributions to pioneering research endeavors.

Eligibility:

The program was open to BCA/MCA or B.Tech/MTech students in their final year and those pursuing a PhD, with a specialization in Artificial Intelligence (AI), Machine Learning (ML), or Deep Learning (DL).

Internship Details:

The report on the completed Kaggle Project Research Internship Program outlines the following details: The program lasted for a duration of 2 months and accommodated 10 internship positions. Interns were offered a selection of diverse projects to work on, which included: IoT-based flood monitoring system, Image Classification using Convolutional Neural Network, Sentiment Analysis employing Python and Machine Learning for Natural Language Processing, Credit Card Fraud Detection, Movie Recommendation System through Collaborative Filtering, Time Series Analysis for Stock Price Prediction, Health Analytics for Disease Outcome Prediction, Spam Detection using Machine Learning, Customer Segmentation via Market Basket Analysis, and participation in Kaggle Competitions utilizing given datasets.

- **Duration:** 2 Months
- **Number of Internship Positions:** 10
- **Project Titles:** Interns had the opportunity to choose from a diverse range of projects, including:
 - IoT based flood monitoring system
 - **Image Classification:** Identifying Objects with Convolutional Neural Network on Kaggle
 - **Natural Language Processing:** Sentiment Analysis using Python and Machine Learning
 - **Fraud Detection:** Credit Card Fraud Detection with Machine Learning in Kaggle
 - **Recommendation System:** Building a Movie Recommendation System using Collaborative Filtering
 - **Time Series Forecasting:** Predicting Stock Prices with Time Series Analysis in Python
 - **Health Analytics:** Predicting Diseases Outcome using Machine Learning on Kaggle
 - **Text Classification:** Spam Detection with Machine Learning in Python
 - **Customer Segmentation:** Market Basket Analysis and customer Segmentation using ML
 - **Kaggle Competition:** Participating in a Kaggle Competition on a Given Dataset

Registration and Certification:

Hundreds of students from diverse branches enrolled for the event, yet only 10 certification positions were granted to successful applicants. The allocation of E-Certificates was contingent upon students' attendance, submitted code, and their performance in the final online defense held at the conclusion of the course. The program's video report code is accessible online.

Kaggle Project Research Internship - 01-1A-2024 (Responses) ☆ ☆ ☰

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1	Timestamp	A	B	C	D	E	F	G	H	I	J
1	2/9/2024 14 07 40	vanshika0058@gmail.com	Customer Segmentation: Market Basket Analysis and customer Segmentation	vanshika shukla	vanshika0058@gmail.com	Eba in business analytics Management	2300102528		941559272	https://drive.google.com/...	
2	2/9/2024 17 35 42	hammadad@studnet.iiit.ac.in	Customer Segmentation: Market Basket Analysis and customer Segmentation	Hammad Ahmad	hammadad@studnet.iiit.ac.in	Eca	2300105441		955075639	https://drive.google.com/...	
3	2/9/2024 11 46 19	shahnazmohammed@gmail.com	Customer Segmentation: Market Basket Analysis and customer Segmentation	Shahnaz	shahnazmohammed@gmail.com	MCA	2200105539		956072049	https://drive.google.com/...	
4	2/9/2024 14 11 12	syedzaishahid50@gmail.com	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Zain Ashraf	syedzaishahid50@gmail.com	syedzaishahid50@gmail.com	MCA	1800103379		979642932	https://drive.google.com/...	
5	2/9/2024 14 23 59	anishkaahiv9957@gmail.com	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Trivedi	anishkaahiv9957@gmail.com	anishkaahiv9957@gmail.com	ECA	2100100331		9305718440	https://drive.google.com/...	
6	2/9/2024 14 16 43	indranil@studnet.iiit.ac.in	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Anshul	indranil2002@gmail.com	indranil2002@gmail.com	CoE: cloud technology and enter	2300101963		735311106	https://drive.google.com/...	
7	2/9/2024 14 18 43	samsud@studnet.iiit.ac.in	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Anshul	samsudmansan7262@gmail.com	samsudmansan7262@gmail.com	MCA	2200101680		991202237	https://drive.google.com/...	
8	2/9/2024 15 42 56	daushah@studnet.iiit.ac.in	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Ahmad	daushah@studnet.iiit.ac.in	daushah@studnet.iiit.ac.in	B.TECH	2000101182		887426232	https://drive.google.com/...	
9	2/9/2024 16 08 12	muskan@studnet.iiit.ac.in	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Shikha	Muskan@studnet.iiit.ac.in	Muskan@studnet.iiit.ac.in	inter Student	2300102624		6367269186	https://drive.google.com/...	
10	2/9/2024 17 49 46	arfat@studnet.iiit.ac.in	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Arfat	arfat@studnet.iiit.ac.in	arfat@studnet.iiit.ac.in	MCA	1800104428		7020709390	https://drive.google.com/...	
11	2/9/2024 21 19 06	mishrasaadk@gmail.com	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Shikha	mishrasaadk@gmail.com	mishrasaadk@gmail.com	MCA	2200100413		854996529	https://drive.google.com/...	
12	2/9/2024 21 53 42	akshat@studnet.iiit.ac.in	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Al KHAIR ALAM	akshat@studnet.iiit.ac.in	akshat@studnet.iiit.ac.in	Etech	2000101430		910597460	https://drive.google.com/...	
13	2/9/2024 23 02 54	mohammad12019@gmail.com	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Mohammad Saad Bg	Msaadbg@studnet.iiit.ac.in	Msaadbg@studnet.iiit.ac.in	Etech	2000101494		833924785	https://drive.google.com/...	
14	2/9/2024 23 29 27	mohammad12019@gmail.com	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Mohd Saqib	Mohd Saqib	Mohd Saqib	MCA	1800101724		790537100	https://drive.google.com/...	
15	2/9/2024 14 49 09	nimsahasani8@gmail.com	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset Nimsa	nimsahasani8@gmail.com	nimsahasani8@gmail.com	MCA	2200100784		833621210	https://drive.google.com/...	
16	2/9/2024 14 27 37	zaidnoor102@gmail.com	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Mohd Zaid	zaidnoor102@gmail.com	zaidnoor102@gmail.com	Etech	1800103515		705690000	https://drive.google.com/...	
17	2/9/2024 14 33 13	mdarif@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Muhammad Kafi	mdarif@studnet.iiit.ac.in	mdarif@studnet.iiit.ac.in	ECA	2100103344		7007035173	https://drive.google.com/...	
18	2/9/2024 14 36 40	kayam721@gmail.com	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Kayam Khan	kayam721@gmail.com	kayam721@gmail.com	MCA	2200100779		9712327054	https://drive.google.com/...	
19	2/9/2024 14 51 31	jibek@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Ibem Abdulkali Dabala	jibek@studnet.iiit.ac.in	jibek@studnet.iiit.ac.in	B.Tech CSE	2200104789		9075768441	https://drive.google.com/...	
20	2/9/2024 17 52 06	alsharhanem@gmail.com	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Alsharhanem	alsharhanem@gmail.com	alsharhanem@gmail.com	MCA	2200101770		730232973	https://drive.google.com/...	
21	2/9/2024 18 16 00	artmad@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Art Madhethya	artmad@studnet.iiit.ac.in	artmad@studnet.iiit.ac.in	MCA	2300101309		861656151	https://drive.google.com/...	
22	2/9/2024 18 23 41	afaz2002@gmail.com	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Afza	afaz2002@gmail.com	afaz2002@gmail.com	MCA	2200103344		9029596455	https://drive.google.com/...	
23	2/9/2024 20 31 19	danyal@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki DANIAL FATMA	danyal@studnet.iiit.ac.in	danyal@studnet.iiit.ac.in	Etech	2000106067		721905444	https://drive.google.com/...	
24	2/9/2024 20 37 25	ahabhasani@gmail.com	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Ahabasani	ahabhasani@gmail.com	ahabhasani@gmail.com	ECA	2100102969		6391385712	https://drive.google.com/...	
25	2/9/2024 20 44 54	mnyar@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki MARIYA KHAN	mnyar@studnet.iiit.ac.in	mnyar@studnet.iiit.ac.in	B.TECH	2000101170		729714532	https://drive.google.com/...	
26	2/9/2024 9 00 35	kraiz@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Razi Khan	kraiz@studnet.iiit.ac.in	kraiz@studnet.iiit.ac.in	MCA	2200100153		829100485	https://drive.google.com/...	
27	2/9/2024 11 25 25	sahab@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Sahab Ahmad	sahab@studnet.iiit.ac.in	sahab@studnet.iiit.ac.in	MCA	2200101252		914934739	https://drive.google.com/...	
28	2/9/2024 14 01 54	zahid@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki MO ZAHID KHAN	zahid@studnet.iiit.ac.in	zahid@studnet.iiit.ac.in	B.Pharm	2000101088		790769560	https://drive.google.com/...	
29	2/9/2024 14 11 45	arfath@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Arfatul alam Khan	arfath@studnet.iiit.ac.in	arfath@studnet.iiit.ac.in	Eca	2000100792		7570599715	https://drive.google.com/...	
30	2/9/2024 18 37 02	atulkhan@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki AFZAL KHAN	atulkhan@studnet.iiit.ac.in	atulkhan@studnet.iiit.ac.in	B. Pharm	2000101119		991400545	https://drive.google.com/...	
31	2/9/2024 20 58 12	riyam@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki RIVAN LAUD AHMED	riyam@studnet.iiit.ac.in	riyam@studnet.iiit.ac.in	ECA	2100102542		964819714	https://drive.google.com/...	
32	2/9/2024 14 55 16	kanshaan@studnet.iiit.ac.in	Image Classification: Identifying Objects with Convolutional Neural Network on Ansul Hader Khan	kanshaan@studnet.iiit.ac.in	kanshaan@studnet.iiit.ac.in	Etech	2000101229		857334407	https://drive.google.com/...	
33	2/9/2024 15 54 24	zaid@studnet.iiit.ac.in	Image Classification: Identifying Objects with Convolutional Neural Network on Zaid F'alma	zaid@studnet.iiit.ac.in	zaid@studnet.iiit.ac.in	B.Tech	2100103716		813690755	https://drive.google.com/...	
34	2/9/2024 17 54 46	arfat@studnet.iiit.ac.in	Image Classification: Identifying Objects with Convolutional Neural Network on Arfat Alam	arfat@studnet.iiit.ac.in	arfat@studnet.iiit.ac.in	MCA	1800102679		8467035345	https://drive.google.com/...	
35	2/9/2024 21 36 05	atsam@studnet.iiit.ac.in	Image Classification: Identifying Objects with Convolutional Neural Network on Al Sam Shakeel	atsam@studnet.iiit.ac.in	atsam@studnet.iiit.ac.in	B.Tech	1800100635		630783565	https://drive.google.com/...	
36	2/9/2024 21 05 52	anshyad14@gmail.com	Image Classification: Identifying Objects with Convolutional Neural Network on Anshya Dhehad	anshyad14@gmail.com	anshyad14@gmail.com	CoE M.Tech	1800100420		843327724	https://drive.google.com/...	
37	2/9/2024 14 01 15	mohammad@studnet.iiit.ac.in	Image Classification: Identifying Objects with Convolutional Neural Network on Mohammad Ali	mohammad@studnet.iiit.ac.in	mohammad@studnet.iiit.ac.in	Etech	2000102544		830402622	https://drive.google.com/...	
38	2/9/2024 15 37 16	arbab@studnet.iiit.ac.in	IoT based fraud detection system	Mohd Ahsan Zaid	arbab@studnet.iiit.ac.in	MCA	1800101626		712762443	https://drive.google.com/...	

Kaggle Project Research Internship - 01-1A-2024 (Responses) ☆ ☆ ☰

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1	Timestamp	A	B	C	D	E	F	G	H	I	J
79	2/9/2024 19 34 16	shafiq@studnet.iiit.ac.in	Text Classification: Spam Detection with Machine Learning in Python	Shafiq Siddiqui	shafiqsiddiqui@gmail.com	ECA	2100101086		955948599	https://drive.google.com/...	
80	2/9/2024 9 59 22	mohjaved52677@gmail.com	Text Classification: Spam Detection with Machine Learning in Python	Javed Masood	mohjaved52677@gmail.com	ECA	2100100010		956916509	https://drive.google.com/...	
81	2/9/2024 21 26 30	avraj@studnet.iiit.ac.in	Text Classification: Spam Detection with Machine Learning in Python	Avraj Yadav	avrajyadav@gmail.com	ECA	2100104446		951992907	https://drive.google.com/...	
82	2/9/2024 20 11 42	mjaid@studnet.iiit.ac.in	Text Classification: Spam Detection with Machine Learning in Python	Mohd Anisul Jabbar	mjaid@studnet.iiit.ac.in	MCA	2100101932		868468404	https://drive.google.com/...	
83	2/9/2024 22 53 34	gazi@studnet.iiit.ac.in	Text Classification: Spam Detection with Machine Learning in Python	Gazi Siddiqui	gazi@siddiqui21@gmail.com	CoE: B.Tech	2000101001		8009752105	https://drive.google.com/...	
84	2/9/2024 14 25 54	zaedan@studnet.iiit.ac.in	Text Classification: Spam Detection with Machine Learning in Python	Mohd Zaid Ansari	zaedan@studnet.iiit.ac.in	MCA	1800101530		6307055514	https://drive.google.com/...	
85	2/9/2024 20 58 12	mohammad44@gmail.com	Text Classification: Spam Detection with Machine Learning in Python	Mohammad Shaib	mohammad44@gmail.com	CoE Etech	2000102391		7376201435	https://drive.google.com/...	
86	2/9/2024 14 25 22	guzfar@studnet.iiit.ac.in	Time Series Forecasting: Predicting Stock Prices with Time Series Analysis in Python	Guzfar@studnet.iiit.ac.in	guzfar@studnet.iiit.ac.in	B.Tech	2100100227		830524439	https://drive.google.com/...	
87	2/9/2024 14 40 23	Amansal@studnet.iiit.ac.in	Time Series Forecasting: Predicting Stock Prices with Time Series Analysis in Python	Amansal@studnet.iiit.ac.in	Amansal201@gmail.com	MCA	2200104645		873823247	https://drive.google.com/...	
88	2/9/2024 19 25 21	sanket@studnet.iiit.ac.in	Time Series Forecasting: Predicting Stock Prices with Time Series Analysis in Python	Sanket Khetwani	sanketkhetwani@gmail.com	Eca	2100103644		7536078773	https://drive.google.com/...	
89	2/9/2024 23 31 24	zaidm766@gmail.com	Time Series Forecasting: Predicting Stock Prices with Time Series Analysis in Python	Zaidm766@gmail.com	zaidm766@gmail.com	Etech	2000100158		706234914	https://drive.google.com/...	
90	2/9/2024 22 02 08	sama@studnet.iiit.ac.in	Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle Dataset ANSAR	sama@studnet.iiit.ac.in	sama@studnet.iiit.ac.in	MCA	2200101608		8500191608	https://drive.google.com/...	
91	2/9/2024 4 57 18	jibek@studnet.iiit.ac.in	Health Analytics: Predicting Diseases Outcome using Machine Learning on Ki Ibem Abdulkali Dabala	jibek@studnet.iiit.ac.in	jibek@studnet.iiit.ac.in	B.TECH	2200104789		9075768441	https://drive.google.com/...	
92	2/9/2024 14 17 36	arfat@studnet.iiit.ac.in	Natural Language Processing: Sentiment Analysis using Python and Machine Learning	Arfat Alam	arfat@studnet.iiit.ac.in	M.Tech	1700102850		8100102850	https://drive.google.com/...	
93	2/9/2024 22 10 15	mohammad509@gmail.com	Natural Language Processing: Sentiment Analysis using Python and Machine Learning	Mohammad Hamid	mohammad509@gmail.com	B.Tech pursuing	Interdisciplinary Centre For Arti GN0446		830402622	https://drive.google.com/...	
94	2/9/2024 23 19 10	shahab@studnet.iiit.ac.in	Text Classification: Spam Detection with Machine Learning in Python	Shahab Ahmad	shahab@studnet.iiit.ac.in	ECA	2100100995		8100100995	https://drive.google.com/...	
95	2/9/2024 22 54 04	kayam721@gmail.com	Time Series Forecasting: Predicting Stock Prices with Time Series Analysis in Python	Kayam Khan	kayam721@gmail.com	MCA	2200100779		9712327054	https://drive.google.com/...	
96	2/9/2024 14 03 10	arbab@studnet.iiit.ac.in	Time Series Forecasting: Predicting Stock Prices with Time Series Analysis in Python	Arbab Mujeeb	arbab@studnet.iiit.ac.in	MCA	2200103299		8100103299	https://drive.google.com/...	



Coordination:

The technical committee, led by **Dr. Asif Khan, Dr. Tasneem Ahmad, Dr. Afreen Khan, , Dr. Waris Khan, Dr. Ausaf Ahmad** and **Dr Mohd Faizan** played a crucial role in overseeing the program. Additionally, student coordinators Shikha Rai and Mohammad Faiz provided assistance throughout the internship period.

Congratulations



Nikhat Pravin



Mohd Maaz



Muskan Sharma



Azhar Mujeeb



Jibrin Abdullahi Dallatu



Hanshita khare



Kayum Khan



Shouib Ahmed



Zainab Fatima



Mohummad Fahad

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Kursi Rd, Lucknow, Utter Pradesh 226026

Conclusion:

In conclusion, the Kaggle Project Research Internship Program provided a valuable opportunity for interns to gain practical experience and contribute to innovative projects in the field of data science. We extend our gratitude to all the participants, coordinators, and mentors for their contributions to the success of this program.



INTEGRAL UNIVERSITY



Department of Computer Application

Kaggle Project Research Internship

Dear Applicant,

We are pleased to announce the availability of internship opportunities for the Kaggle Project Research Internship at our Lab - "Advanced Computing Research Laboratory".

Eligibility Criteria:

- BCA/MCA or BTech/MTech students (Final Year), PhD-Pursuing
- Specialization in Artificial Intelligence (AI), Machine Learning (ML), or Deep Learning (DL)

Application Process:

- Interested candidates are invited to submit their applications by 11/02/2024.
- Please note that only 10 positions are available, and preference will be given to applicants who meet the eligibility criteria and demonstrate exceptional skills and enthusiasm for the field.



Registration QR Code



WhatsApp Group

We look forward to receiving your applications and working with talented individuals on innovative Kaggle Projects

Internship Details:

- Duration: 2 Month
- Number of Internship Positions: 10
- Title Options: AI, ML, DL (Choose Project from the list)
 1. IoT based flood monitoring system
 2. Image Classification: Identifying Objects with Convolutional Neural Network on Kaggle
 3. Natural Language Processing: Sentiment Analysis using Python and Machine Learning.
 4. Fraud Detection: Credit Card Fraud Detection with Machine Learning in a Kaggle.
 5. Recommendation System: Building a Movie Recommendation System using Collaborative Filtering
 6. Time Series Forecasting: Predicting Stock Prices with Time Series Analysis in Python.
 7. Health Analytics: Predicting Diseases Outcome using Machine Learning on Kaggle
 8. Text Classification: Spam Detection with Machine Learning in Python.
 9. Customer Segmentation: Market Basket Analysis and customer Segmentation using ML.
 10. Kaggle Competition: Participating in a Kaggle Competition on a Given Dataset.

Convener

Dr. Mohammad Faisal
Head
Department Of Computer
Applications

Coordinator

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Technical Committee
Dr. Tasneem Ahmed
Dr. Afreen Khan
Dr. Mohd Waris Khan

Student Coordinator

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