



## Department of Artificial Intelligence & Data Science



**Event:** BootCamp on Python Basics, Data Science & Machine Learning Introductions.

**Speaker:** Mentors from DJS INFOMATRIX

**Date:** 1st April, 2024

**Time:** 12:15pm to 3:30pm

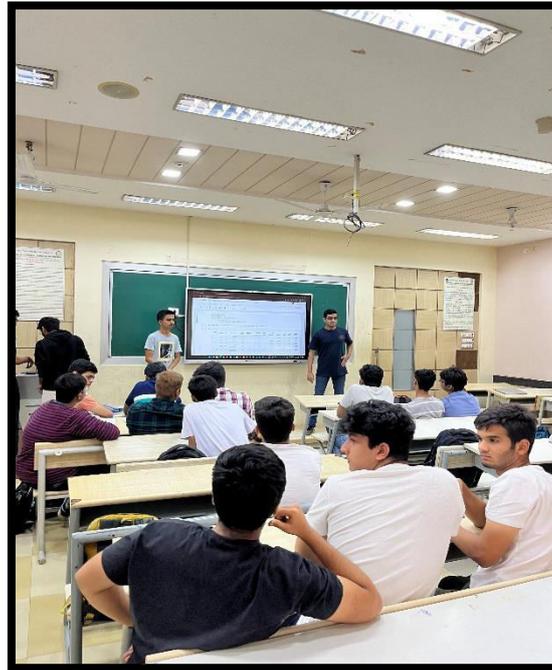
**Location:** <https://www.google.com/maps/place/SVKM's+Dwarkadas+J.+Sanghvi+College+of+Engineering/@19.107391,72.8371889,17z/data=!3m1!4m6!3m5!1s0x3be7c9c676018b43:0x75f29a4205098f99!8m2!3d19.107391!4d72.8371889!16zL20vMGdtbWs0?entry=ttu>

**Venue:** Classroom 32, DJ Sanghvi College Of Engineering

**DJS INFOMATRIX LinkedIn Profile :** <https://www.linkedin.com/company/djs-infomatrix/about/>

### Objective:

The Bootcamp on Python Basics, Data Science & Machine Learning Introductions., organized by DJS INFOMATRIX mentors, aimed to provide students with foundational knowledge and practical insights into these cutting-edge fields. The bootcamp served as a platform for participants to grasp the basics of machine learning algorithms, data visualization techniques, statistical methods, and programming fundamentals in Python.



### Event Highlights:

The bootcamp commenced with an enlightening session by ML Mentors and Computational Finance Mentors, who demystified the fundamentals of machine learning. Participants were introduced to key concepts such as supervised and unsupervised learning, classification, regression, and clustering. Through interactive demonstrations and examples, attendees gained a deeper understanding of algorithmic approaches and their applications in real-world scenarios.



DS Mentors took the stage to delve into the realm of data science, focusing on data visualization techniques and statistical methods. Participants learned how to effectively visualize data using tools like Matplotlib and Seaborn, gaining insights into exploratory data analysis (EDA) and pattern identification. Additionally, mentors



elucidated statistical concepts such as probability distributions, hypothesis testing, and kernel density estimation, empowering participants to extract meaningful insights from data sets.

AI Mentors and Web Mentors collaborated to introduce participants to the basics of Python programming and its applications in artificial intelligence. Attendees were guided through the fundamental syntax, data structures, and control flow constructs in Python, laying the groundwork for subsequent sessions on AI and web development. Mentors highlighted Python's versatility and its role as a cornerstone language in various AI applications, fostering a hands-on learning environment through coding exercises and practical examples

**Conclusion:**

The Bootcamp on Machine Learning, Artificial Intelligence, and Data Science concluded with participants expressing gratitude for the enriching learning experience provided by the mentors. Equipped with foundational knowledge and practical skills, attendees departed with a newfound appreciation for the intricacies of these dynamic fields. The bootcamp served as a catalyst for further exploration and growth, inspiring participants to embark on their journey towards mastering machine learning, artificial intelligence, and data science.

**Lakshmi Kurup**  
I/c. HOD. (AI &DS Dept.)



**Event:** Industrial Visit at Cloudstrats

**Speaker:** Mr. Brajesh Kumar

**Date:** 18<sup>th</sup> March, 2024

**Time:** 12:30pm to 2:30pm

**Location:** <https://maps.app.goo.gl/7NCwNb3AzqMqAVo46>

**Venue:** Cloudstrats, Ghatkopar

**DJS INFOMATRIX LinkedIn Profile:** <https://www.linkedin.com/company/djs-infomatrix/about/>

**Objective:**

The industrial visit to Cloudstrats organized by DJS INFOMATRIX was an illuminating experience for the students, offering a firsthand glimpse into the inner workings of an IT company and a data center, which are often pivotal in the digital landscape.

**Event Highlights:**

The event commenced with an engaging briefing session, where the students were introduced to Cloudstrats' operational model and their innovative products such as Nayan.ai and Swar.ai. This introductory session provided valuable insights into the company's core objectives, technological innovations, and the impact of their products in the market.

Following the briefing, the students were taken on a comprehensive tour of Cloudstrats' state-of-the-art data center. This segment of the visit proved to be particularly enlightening as students were given a detailed explanation of the intricate components and connections that form the backbone of a data center's infrastructure. From server racks humming with activity to the intricate web of cables



ensuring seamless connectivity, every aspect of the data center's operations was meticulously explained.



### **Conclusion:**

The industrial visit to Cloudstrats organized by DJS INFOMATRIX provided students with a valuable firsthand experience of the inner workings of an IT company and a data center. The visit highlighted the critical role of technology in driving business innovation and competitiveness while emphasizing the importance of data security and efficiency. Overall, the experience served as a transformative learning opportunity, inspiring students to explore career paths in technology and equipping them with the knowledge and motivation to navigate the dynamic landscape of the IT industry with confidence.

**Lakshmi Kurup**  
I/c. HOD. (AI &DS Dept.)



## Department of Artificial Intelligence & Data Science



**Event:** Study Abroad Seminar

**Speaker:** 4<sup>th</sup> year Seniors from Computer Department

**Date:** 3rd April, 2024

**Time:** 12:30pm to 1:30pm

**Location:** <https://www.google.com/maps/place/SVKM's+Dwarkadas+J.+Sanghvi+College+of+Engineering/@19.107391,72.8371889,17z/data=!3m1!4b1!4m6!3m5!1s0x3be7c9c676018b43:0x75f29a4205098f99!8m2!3d19.107391!4d72.8371889!16zL20vMGdtbWs0?entry=ttu>

**Venue:** Classroom 32, DJ Sanghvi College Of Engineering

**DJS INFOMATRIX LinkedIn Profile :** <https://www.linkedin.com/company/djs-infomatrix/about/>

### Introduction:

The Study Abroad Seminar organized by the seniors commenced with great enthusiasm and anticipation from the attendees. The seminar aimed to provide comprehensive insights into the opportunities, challenges, and processes involved in pursuing higher education overseas.

### Objective:

The primary objective of the seminar was to guide students through the intricacies of studying abroad, including selecting suitable universities, understanding admission requirements, navigating visa procedures, and addressing financial considerations.



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### Event Highlights:

The seminar commenced with a warm welcome to all participants, followed by an engaging presentation by the senior speakers. They shared their personal experiences, challenges faced, and lessons learned during their own study abroad journeys. Drawing from their experiences, they provided invaluable advice on choosing the right destination, selecting appropriate courses, and leveraging scholarships and financial aid.



The speakers also shed light on the importance of standardized tests such as the GRE, TOEFL, and IELTS, offering effective strategies for preparation. Additionally, they discussed the significance of crafting compelling application essays and securing strong letters of recommendation to enhance one's candidacy.



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Furthermore, the seminar featured interactive sessions where attendees had the opportunity to ask questions and seek clarification on specific concerns related to studying abroad. The seniors provided comprehensive guidance tailored to the individual needs and aspirations of the participants, fostering a supportive and informative environment.

### **Conclusion:**

The Study Abroad Seminar concluded on a high note, with participants expressing gratitude for the invaluable insights and guidance provided by the senior speakers. Armed with newfound knowledge and confidence, attendees departed with a clearer understanding of the steps involved in pursuing their academic aspirations abroad.

**Lakshmi Kurup**  
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