

REPORT ON **“Data Analytics Course”**

An initiative of Mata Sundri College for women in **Collaboration with Learning Link Foundation**

In today's data-driven landscape, harnessing the power of analytics unveils actionable insights, steering decisions with precision and shaping a resilient future, **The Placement and Internship Cell and NCWEB, Mata Sundri College for Women under aegis of IQAC** in collaboration with **Learning Link Foundation** hosted an interactive 30-hours short termed course on **Data Analytics** by the prestigious members of LLF, **Mr. Sonu Gupta**. **The course that commenced on October 19th and concluded on November 20th consisted of 10 classes.**

Learning Link Foundation is a non-profit organization on a mission to enrich lives through a transformative approach to learning. By emphasizing questions over answers and embracing the liberating path of navigating challenges, they redefine education as a progressive journey towards personal and collective growth.

Mr. Sonu Gupta is an Expertise in cutting edge technologies in applied deep learning, Machine learning and AI. Highly skilled in applying advanced machine learning/statistical algorithms, such as Gradient Boosted Trees, Random Forests, Ensemble Models, Clustering etc. to real world problems using Python. He has more than 5+ years of experience as a Data Science

The inaugural ceremony of the 30-hour Data Analytics Course, led by **Ms. Anoushka Kalawatia**, set the tone for an engaging learning experience, with gratitude extended to **Mr. Sonu Gupta, The Principal Ma'am, Prof Harpreet Kaur, respected Lokesh Sir, Director, IQAC, respected Manjeet sir, Section Officer, Accounts Department at MSC, Dr. Rama Verma Ma'am, Department of Mathematics, on behalf of the Vocational Centre (Computer Applications), Sangeetha Ma'am, faculty at the Vocational Center, and Dr. Kalpana Devi Ma'am, Convener**. The Principal shared invaluable insights on the importance of data analytics, building anticipation among students. The session was officially initiated by a distinguished guest speaker, commencing a ten-day course. This comprehensive course not only provided a profound understanding of data analytics but also equipped participants with practical skills for real-world applications, ensuring a valuable and enriching learning journey.

The course spanned ten days, providing a comprehensive journey through foundational Excel skills to advanced Python proficiency for data analysis. Participants

mastered Excel functions like SUMIF, while also delving into Python concepts like dataset manipulation and pivot tables. Despite technical challenges, compensatory assignments ensured a seamless learning experience. Advanced sessions covered topics such as four-loop functions in Python and Sintex application, with practical examples reinforcing theoretical knowledge. The program culminated in applying acquired skills to real-world scenarios, offering a synthesized overview of data analytics with tools like Excel, Tableau, and Power BI. Emphasis on basic programming in Python or R underscored the workshop's holistic approach, concluding with participant query resolution and a nuanced understanding of data analytics

Hence, this 30-hours data analytics course, meticulously curated and executed, has equipped participants with a profound skill set in data analytics and visualisation. The amalgamation of theoretical knowledge and hands-on projects ensures a robust foundation for addressing complex challenges. Participants are now proficient in leveraging a spectrum of tools and programming languages for effective data analysis and visualisation, setting a precedent for analytical excellence.

<u>Mode of the Event:</u>	HYBRID
<u>Name of the Event:</u>	DATA ANALYTICS
<u>Date of the Event:</u>	19th October 2023 - 20th November 2023
<u>Name of the Speaker:</u>	Mr. Sonu
<u>Name of the Organization:</u>	Learning Links Foundation
<u>No. Of Participants:</u>	77 students
<u>No. Of Registrations:</u>	77 students
<u>Time of the Event:</u>	MONDAY - 3:30pm - 5:30pm THURSDAY- 1:30pm - 4:30pm SATURDAY - 2:30pm - 5:30pm
<u>Venue of the Event:</u>	MATA GUJRI HALL

