# COURSE- DATA ANALYTICS COURSE

DURATION:4 MONTHS

**Mode:** Online / In-Person / Hybrid  
**Ideal For:** Beginners, Career Switchers, Recent Graduates  
**Prerequisites:** Basic computer literacy; no prior coding experience required

# COURSE HIGHLIGHTS

* SPOKEN ENGLISH TRAINING
* INTERVIEW TRAINING
* SOFT SKILLS TRAINING
* INTERACTION WITH DEVLOPERS
* POWERBI TRAINING
* LMS SUPPORT

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| Particulars | Amount in Rs | Remarks |
|  |  |  |
| Admission punching fee |  | To be completed along with submission of signed undertaking by the student |
| Orientation fee (within 10 days) |  | Should be completed within in  10 days after admission |
| Monthly instalments (Total 12 instalments) |  | Monthly installments shall be paid at every 30 days interval from batch inauguration date. A fine of Rs 500 will be charged for late fee payments |

**Tools & Technologies**

* **Programming Language:** Python
* **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, scikit-learn
* **Development Environment:** Jupyter Notebook​,vscode,ampps
* **Visualization tool: powerbi**

**Month 1: Introduction to Python and Data Analysis**

* **Topics Covered:**
  + Introduction to Python programming
  + Data types, variables, and basic operations
  + Control structures (loops, conditionals)
  + Functions and modules
  + Introduction to Jupyter Notebooks for interactive coding​
* **Outcome:** Develop foundational Python programming skills essential for data analysis.​

**Month 2: Data Handling with Pandas and NumPy**

* **Topics Covered:**
  + Introduction to NumPy for numerical computing
  + Creating and manipulating arrays
  + Introduction to Pandas for data manipulation
  + DataFrames and Series
  + Data cleaning: handling missing values, duplicates, and data types
  + Data transformation: merging, grouping, and pivoting​[Reddit+1Fynd Academy+1](https://www.reddit.com/r/PowerBI/comments/urav68/which_topics_could_make_a_good_basic_power_bi/?utm_source=chatgpt.com)
* **Outcome:** Gain proficiency in handling and preprocessing data using Python libraries.​

**Month 3: Data Visualization and Statistical Analysis**

* **Topics Covered:**
  + Introduction to Matplotlib and Seaborn for data visualization
  + Creating various plots: line, bar, histogram, scatter, boxplot
  + Exploratory Data Analysis (EDA) techniques
  + Descriptive statistics: mean, median, mode, standard deviation
  + Correlation and covariance analysis
  + Introduction to hypothesis testing
* **Outcome:** Develop skills to visualize data and perform basic statistical analysis to uncover insights.​

**Month 4: Power BI for Data Visualization and Reporting**

* **Topics Covered:**
  + Introduction to Power BI and its components
  + Connecting to various data sources
  + Data transformation using Power Query
  + Building data models and creating relationships
  + Creating interactive reports and dashboards
  + Publishing and sharing reports using Power BI Service

# Add on certifications

INGNET CERTFICATE

POWERBI CERTIFICATE

PYTHON CERTIFICATE

MARKLANCE EXPERIANCE CERTIFICATE

COURSE COMPLETION CERTIFICATE

# RULES & REGULATIONS

## 1) ADMINISTRATION

* Students should behave properly to all teaching and non-teaching staff
* Each and every student should check and satisfy necessary information about certifications at SLBS website before entering into admission.
* Students must obey all the instructions given by the institute
* Your once point communication for all course related queries shall be the Student Co-Ordinator
* The name of your student coordinator and their contact number shall be announced to you on the batch inauguration date
* For any non-academic related doubts, you shall contact the student coordinator
* Any complaints or queries shall be recorded in grievance available with your student coordinator. Only written complaints/queries shall be entertained.
* Medium of instruction in class will be a combination of English & Malayalam
* The wearing of uniforms is not compulsory. However, wearing formal attires are mandatory.
* All student related announcements, class tests, internal examinations, assignments shall be administrated through LMS App only
* Any student with fee due shall automatically be removed from LMS. Student access to LMS shall be restored only after clearing fee dues. Any delay in restoration of LMS app due to pending fee due shall be the responsibility of the student.

## 2) EXAMINATION

* Final examination will be conducted in ONLINE platform and will be controlled by University/Council.
* Supplementary Examination will invite a fee up to Rs.5000 per subject. Management will not be responsible for any delay in course completion in such cases.
* In order to write the exam, the entire course and exam fee should be completed before the final exam registration date.
* Class tests and internal examinations shall be given through LMS App.
* 60% weightage shall be given to university examination while 40% weightage shall be given to Internal marks.
* Internal marks calculation shall be based on student attendance, class test marks, assignments, project report/ seminar (all shall get 25% weightage)
* Minimum 50% internal marks are mandatory for clearing final exams
* Condonation fee- Students with 50-75% attendance shall pay a condonation fee of Rs 10,000 & students with attendance less than 50% shall pay a condonation fee of Rs 15,000/-

## 3) PLACEMENTS

* We provide 100% assured placement support (only for passed candidates) in PAN INDIA level. Salary scale, location, nature of company, company profile etc. for placement purely depends on Company Norms
* 75% attendance is mandatory to be eligible for placements
* All add-on training attendance is mandatory to sit for placements
* The Placement organization do not provide food & accommodation
* Average salary scale is Rs 14,000 to Rs 25,000. However, salary scale may vary with your basic educational qualification, experience and your performance
* Job nature shall be executive level jobs in hospitals/ labs or any medical hospital related organization
* We do not provide part-time job for students

## 4) ACCOUNTS

* Students should remit their fees on the fee due date. Students should make sure that they have completed their course fees and exam fees before they attend the examination. Unless they complete their fee (both course and exam) dues, they shall not be permitted to write the exams.
* Late payment fine shall Rs 500/- per month.
* Fee once paid is non-refundable

|  |  |
| --- | --- |
| STUDENT NAME: | PLACE: |
| SIGNATURE: | DATE: |

* Fee Payment receipt shall be collected. Fee paid without receipt shall not considered valid
* If any student wishes to drop the course, he/she shall pay the course fee until his last day of attendance at the class

## 5) BATCH INAUGURATION

* Students are expected to attend the batch inauguration compulsorily. Those students who fail to attend batch inauguration shall not be permitted in that particular batch
* Original certificates shall be submitted to the institute during batch inauguration for university certification. Students who complete their orientation form and submit their original certificate shall only be permitted in the classrooms. All original certificates shall be returned to the students on completion of the course.
* Certificate return request- During the course period, if the student requires the certificate for any reason, the certificate return request shall be submitted to the administration, pending fee dues to be cleared and the certificate shall be returned within 7 days.

Student consent form

I do hereby undertake that I have read and understood the course profile and the rules and regulations of SLBS MARKLANCE as mentioned above. I hereby acknowledge that I possess a clear understanding of my course particulars, rules and regulations and these details have been communicated to me and I have clearly understood these details. I give my consent that I will comply with the rules and regulations of SLBS

MARKLANCE.