

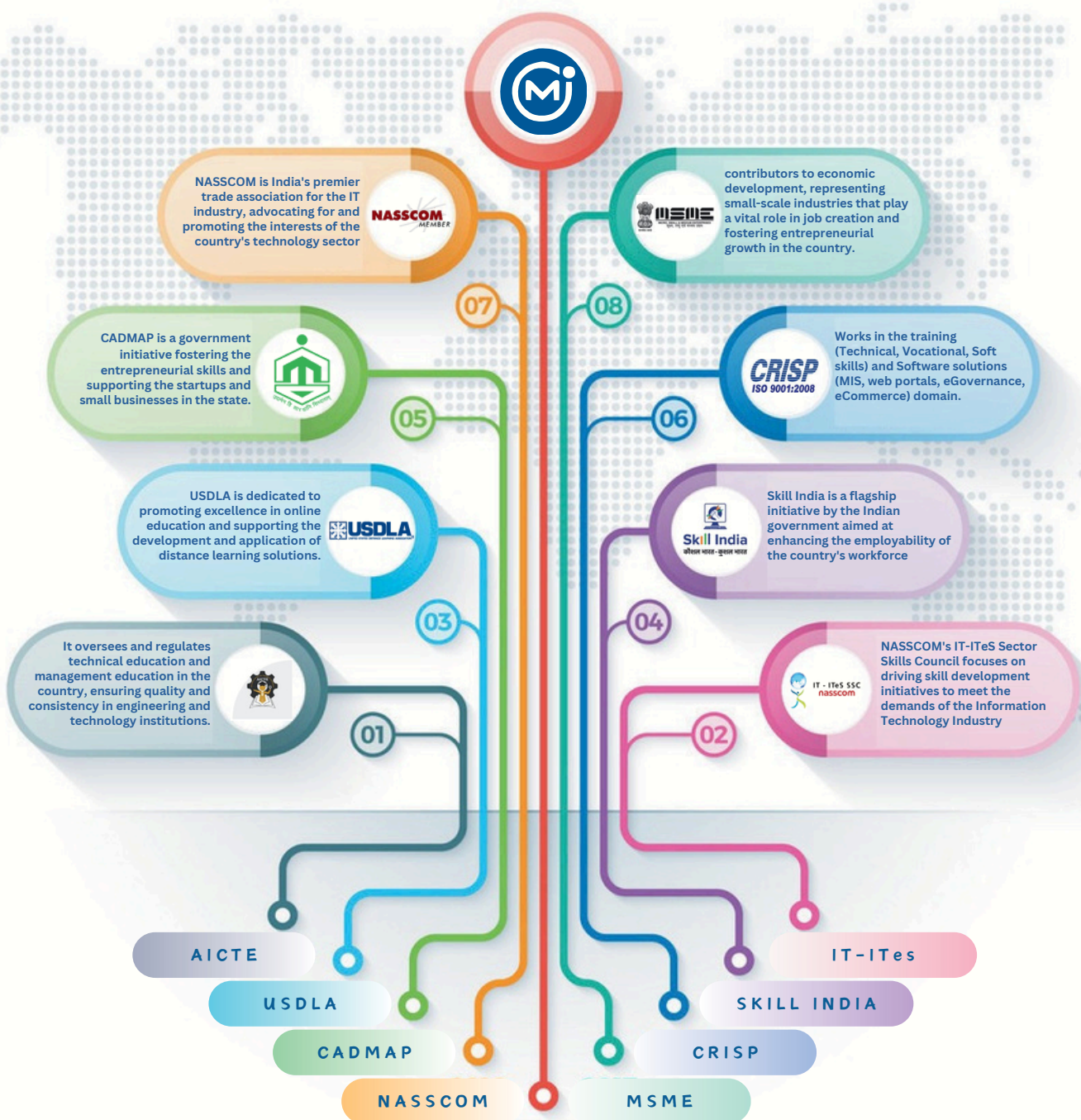


Post Graduate Diploma in Data Analytics

Data Analytics with ETL



It's all about YOU!



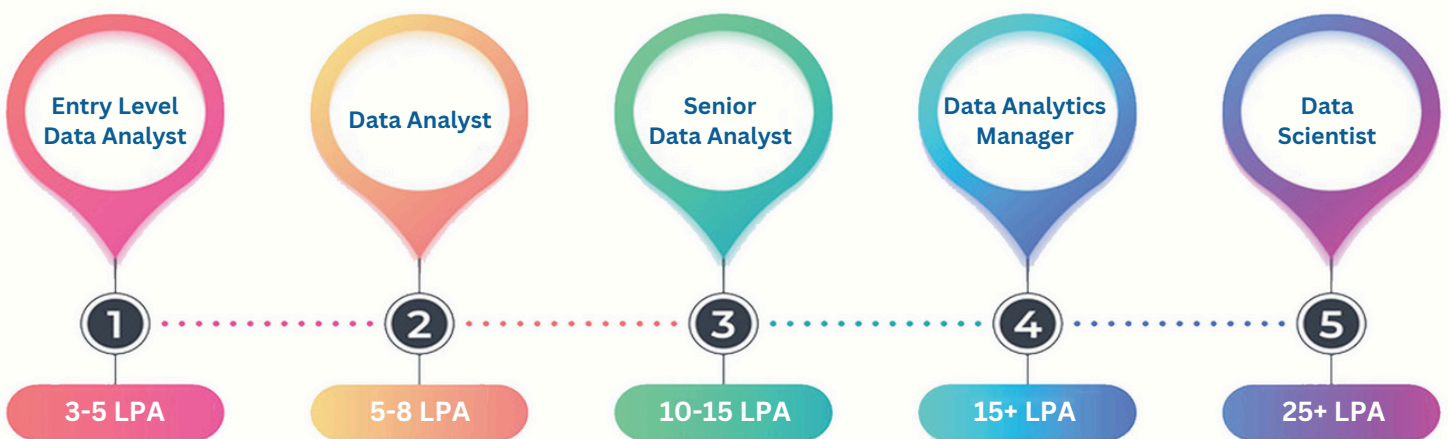
Miracle Group

Serving Beyond Expectations

Learning Path



Career Path



Data Analytics with ETL (Post Graduate Diploma in Data Analytics)

a) Python for Data Science

- Python Data Structures & Data Types
- String Operations, Simple Output Formatting
- Deep copy, Shallow copy, Operators in python

b) Numpy

- NUMPY Attributes and Functions.
- Creating Arrays from Existing Data and Ranges.
- Indexing, Slicing, and Advanced Slicing in NUMPY.

c) Pandas

- Creating Objects, Viewing Data.
- Selection, Manipulating Data. Grouping Data.
- Merging, Joining and Concatenating.

d) SQL

- Database Normalization and Entity Relationship (ER) Model: ...
- Working with Database and Tables, Operators, Constraints, and Data Types
- Functions in SQL, Sub queries, Operators and Derived Tables in SQL.

e) Mongo DB

- MongoDB Operators, CRUD: Documents
- Database Commands, Collection
- MongoDB Shell, Cloud, Tools & Connectivity

f) Power BI

- Introduction to Power BI, concepts & data sources
- Connect to a SaaS solution
- Connect to Excel data, Create a Report with Visualizations

g) Big Data

- HDFS (Hadoop Distributed File System)
- Map Reduce, Hadoop Eco System

h) Spark Analytics

- Introduction to RDDs, Data Frames.
- Advanced Spark Topics, Spark MLlib.

i) Advance Excel

- Data Validation, Lookup Functions
- Pivot Tables, VBA Macro

j) Tableau

- Basic & Advanced Reports, Charts
- Calculations & Filters, Tableau Dashboards

k) Linux

- Directories, Commands, Files, Process
- File Hierarchy, Filters
- Linux I/O Redirection, Linux Unix Tools
- File Security, System Admin, Linux Networking

l) Cloud-AWS

m) ETL (Extracting Data : Transforming Data : Loading Data)

Some ETL tools include:





























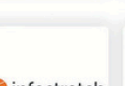




















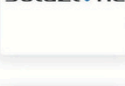






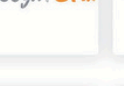
















- Informatica PowerCenter
- Apache Airflow
- IBM Infosphere Datastage
- Oracle Data Integrator
- Talend Open Studio (TOS)
- Pentaho Data Integration (PDI)
- Hadoop
- AWS Glue

Skill Enhancement Modules

- Project Guiding Session,
- Interview Preparation Skills
- Resume Building, \
- Mock Up Interviews
- Includes 3 Mini Projects
- 1 Capstone Project



Proposed Employers

OUR PRESENCE

Bhopal

Plot No. 80, 3rd Floor, Aakriti Complex, Zone-II,
M.P. Nagar, Bhopal, M.P.
Ph. 0755-4907790, +91 9179001399

Jabalpur

2nd Floor, In front of Maruti Suzuki Showroom,
Jabalpur Hospital Road, Napier Town, Jabalpur, M.P.
Ph. 0761- 4920378, +91 9179004399

Gwalior

A-8, 201, 2nd Floor, Opp. Aditya College,
City Center, Gwalior, M.P.
Ph. 0751- 4901188, +91 9179007399

Ratlam

76,B-Plaza,First Floor, T.I.Y Road corner, Above
Raymond Showroom, Station Road, Ratlam, M.P.
Ph.07412-403025, +91 9179180399

Nagpur

1st Floor Mohta Complex, Above SBI Bank,
Near Moil Office, Chhaoni Sadar, Nagpur
Ph. +91 7028407399

Ujjain

301, 3rd Floor, Mahakal Kanak, Malipura,
Dewas Gate, Ujjain, M.P.
Ph. 0734-4030236

Corporate Office

Plot No. 80, 3rd Floor, Aakriti Complex, Zone-II, M.P. Nagar, Bhopal, M.P. Ph. 0755- 3512272

Disclaimer:

All programs are offered on a non-credit basis and are not transferable to a degree



Follow us on:



www.instagram.com/miracleitcareeracademy/



www.linkedin.com/company/miracle-it-career-academy

SCAN AND CHAT WITH US
OVER WHATSAPP

