ADVANCED DIPLOMA IN
DATA SCIENCE

BECOME A DATA SCIENTIST WITH US

TABLE OF CONTENTS

TABLE OF CONTENTS

# TABLE OF CONTENTS

ABOUT US

A Great Place to Learn

Win in Life Academy in Association with CLRI- Clinilaunch Research Institute is country's first and leading institute which provides training directly through the industrial faculty, create a simulation outside the industry to prepare the students for their professions. The institute serves as a bridge between freshers/aspirants and the industries to start or upgrade, to scale their career. Our team is committed to provide placement assistance to our students until they get their dream jobs.

We are obsessed with quality of the training and placement provided. Our academy has partnered with different industries and understood their requirements based on which courses are designed from short to long.

WIL
Win In Life Academy

A GREAT PLACE TO LEARN

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RESEARCH INSTITUTE
Leading the Path

Our Mission

To provide affordable, holistic quality and industry oriented education to our aspirants to enable them to obtain their dream jobs and also to educate them along the way. The courses are designed as per industry requirements and are carefully integrated with basic knowledge of each domain.
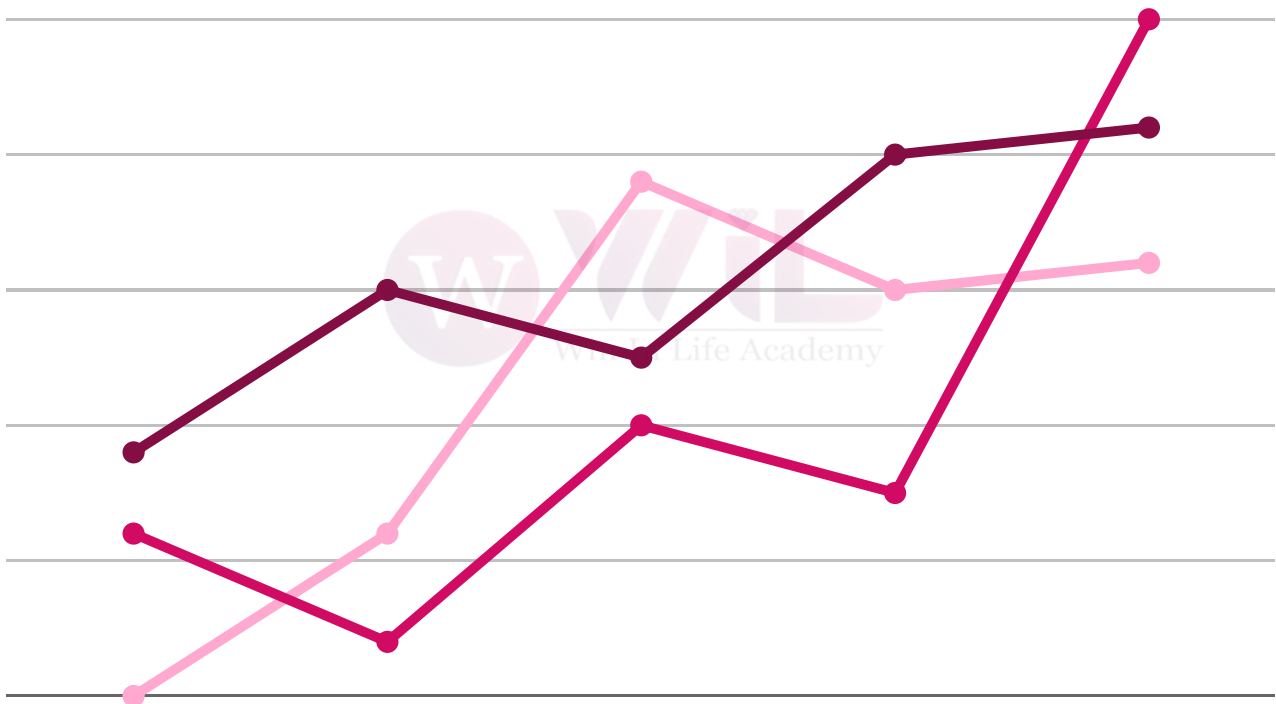
Our Vision

To impart quality education maintain transparency and transform young and naïve minds into industry ready professionals.

GOALS & OBJECTIVES

- Imparting quality education by industry experts.

- Creating a positive atmosphere for questioning and learning.

- Opening up of creative minds for enhancement of self-worth.

- Improvement of verbal expressions.

- Preparing the students for multinational companies and subsequent growth in there avenues.

WHAT DO WE DO?

Working to bring significant changes in online & Offline based learning by doing extensive research for course curriculum preparation, student engagements, and looking forward to the flexible education!

99.99%
SUCCESS RATE

Accelerate your Career Growth & Upskill Yourself.

Your Career Path Begins Here.

CORE VALUES OF WIN IN LIFE ACADEMY

Transparency

Commitment

Affordability
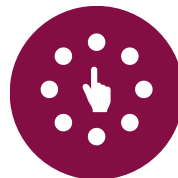
Sincerity

Quality

Personal attention

Sustenance

Holistic development

CORE VALUES

FACULTY & INDUSTRY EXPERTS

Mr. Thoufiq

Ms. Pavithra

Dr. Anup

Vandana Parashar

Anuradha Palival

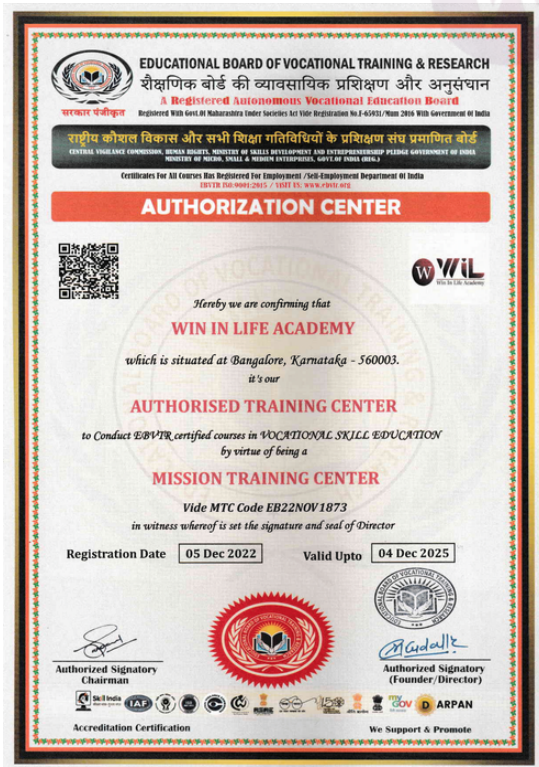**Dr. Srinitha**

CERTIFICATION & ACCREDITATION

Our institute's recognition grew by leaps and bounds. We were recognized world over as a leading Academy.

www.ebitr.com

शैक्षणिक बोर्ड की व्यावसायिक प्रशिक्षण और अनुसंधान

EDUCATIONAL BOARD OF VOCATIONAL TRAINING & RESEARCH

An Autonomous Board of Vocational Education Registered with Govt.of Maharashtra /mum 2016 with Govt.of India(Reg)

ABOUT DATA SCIENCE

Data science is an essential part of many industries today, given the massive amounts of data that are produced, and is one of the most debated topics in IT circles. Its popularity has grown over the years, and companies have started implementing data science techniques to grow their business and increase customer satisfaction. In this article, we'll learn what data science is, and how you can become a data scientist.

BENEFITS OF DATA SCIENCE

Decision Making

Identifying Opportunities

Challenges Employees

Automating Recruitment

Reduces Risks

PROGRAM HIGHLIGHTS

INDUSTRY MENTORS

LMS SUPPORT

IMPROVE EFFICIENCY

INTERACTIVE CLASSES

VIRTUAL CLASSROOM

COST EFFECTIVE

VALUE FOR TIME

PLACEMENT SUPPORT

GREAT SERVICE

SAMPLE CERTIFICATE

DATA SCIENTIST ROADMAP

Programming Language → Data Manipulation → Stats → Data Visualization → Machine Learning → Projects → Placements

NON TECHNICAL SKILLS

- Decision Making
- Problem Solving
- Corporate Etiquette
- Research

TECHNICAL SKILLS

- Excel
- Python
- SQL
- Statistics
- Tableau
- Power BI
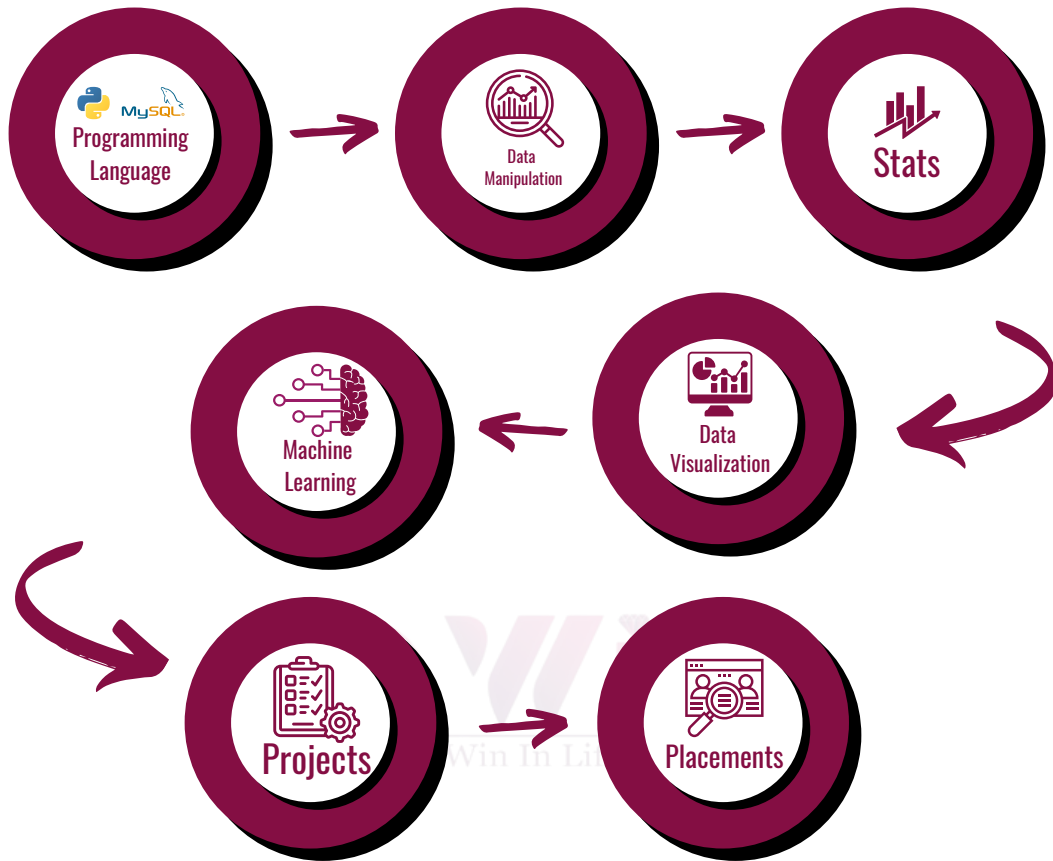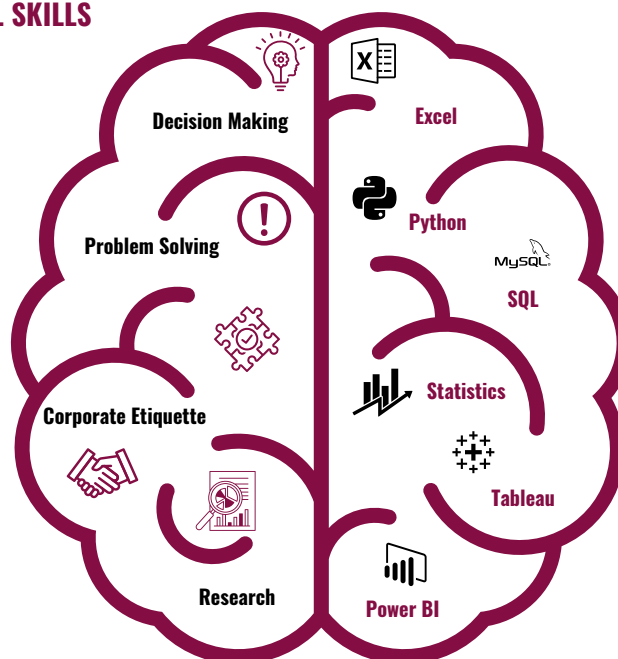
COURSE CURRICULUM

01 CORPORATE ETIQUETTE & SOFT SKILL TRAINING

02 APTITUDE PREPARATION

03 PROGRAMMING WITH PYTHON

04 DATA ANALYSIS WITH PYTHON

05 STATISTICS

06 DATA WRANGLING WITH SQL

07 DATA ANALYSIS USING EXCEL AND TABLEAU

08 WEB SCRAPING USING BEAUTIFUL SOUP

COURSE CURRICULUM

09 SUPERVISED MACHINE LEARNING

10 UNSUPERVISED MACHINE LEARNING

COURSE CURRICULUM

MODULE 1:
CORPORATE ETIQUETTE & SOFT SKILL TRAINING

30 days 20 hrs

1.1: Introduction to Win in Life Academy
- Overview of course and course outcome
- What is Data Science and Data Analytics
- Career opportunities in the IT industry
- How do I choose the right career path?
- What is GOAL setting- SMART goal?
- CV preparation

1.2: Five must-have skills for every fresher
- Teamwork
- Communication
- Work Ethic
- Growth Mindset
- Openness to Feedback

1.3: Soft Skills for Career growth
- Problem Solving Ability
- Be Responsible
- Ability to adapt
- Time management
- Conflict Management
- Leadership

1.4: Soft Skills for Career growth

- Initiating and receiving a handshake in the corporate.
- Giving and receiving a business card
- Introducing and being introduced in the office
- Etiquette Training, behavior in the cubicle, Break-out area, meeting rooms, lift
- Email Etiquette
- Grooming and appearance for a business meeting
- Communication skills for team meetings, client meetings, and escalation.
- Listening skills demonstrate etiquette
- Making small Talk
- Using etiquette in professional networking to create relationships and referrals.
- Skills to lead and participate in business meetings

1.5: SOP standard operating procedures

- What is a Standard Operating Procedure (SOP)? And its purpose.
- Importance of implementing an SOP? And its advantages.
- How to prepare an SOP document, sample preparation, and write the SOP

1.6: JAM Session (just a minute)

- Prepare for JAM-Vocabulary, grammar, Mother tongue influence, tone pitch, eye contact, and proverbs, avoid repetition, long sentences, complex words, fillers & conclusion.
- Group Discussion
- Self-Introduction
- Mock Interview

1.7: Job application

- How to follow recruiters
- How to update social media platforms
- Portal activity, post on LinkedIn, Naukri.....
- How to apply for non-referral jobs
- Interview process
- Understanding offer letter and salary package (CTC)
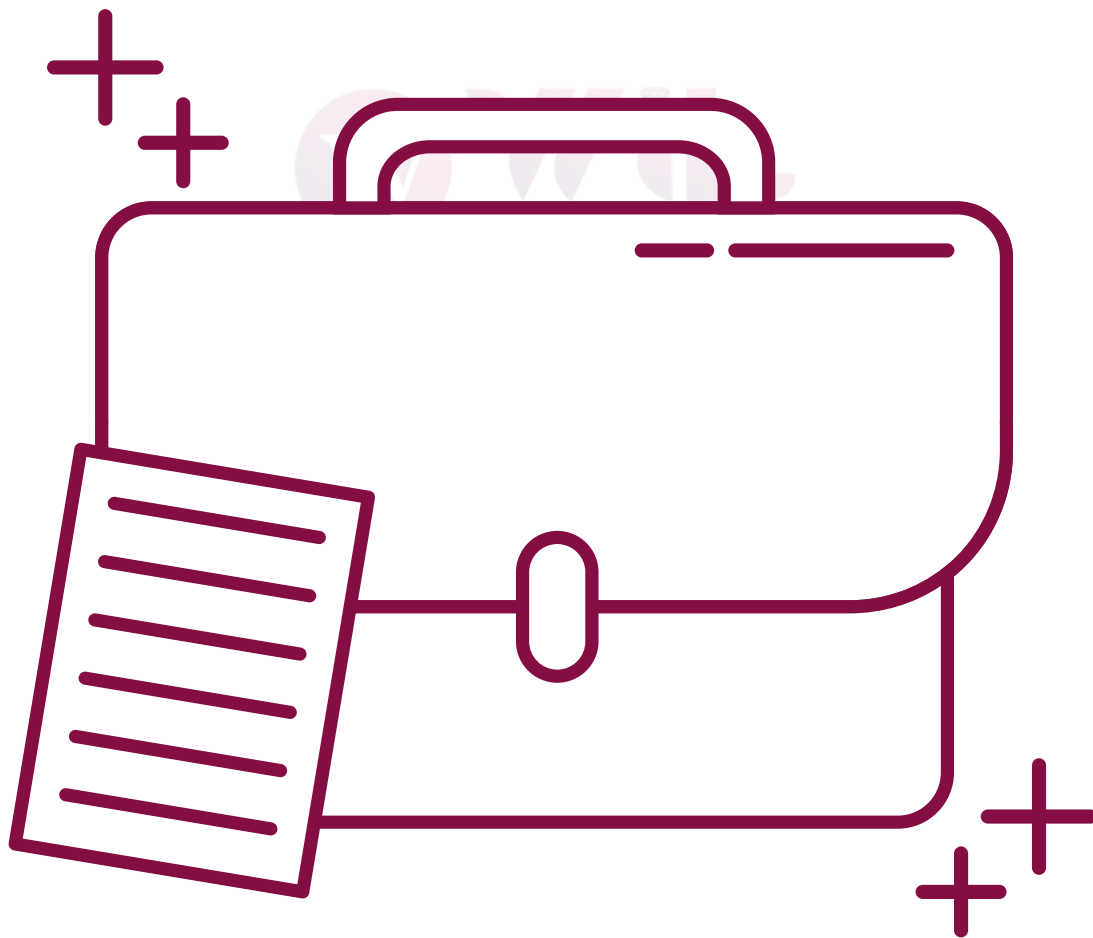
MODULE 2:
APTITUDE PREPARATION

60 days 30 hrs

English

The module evaluates written English skills and is aimed at determining the candidate's ability to understand (a) the written text (b) the spoken word and (c) the ability to communicate effectively through written documents.

Befitting Job Functions/Profiles:

This module will be relevant for almost all profiles such as Business Consulting, HR/Admin, ITES/BPO, Marketing, Engineering, Sales and Customer Management, IT, Hotel Management, Life Sciences, Content Development, etc.

Number of Questions:18
Module Duration:18 minutes
Detailed Syllabus:

- Vocabulary
- Synonyms
- Antonyms
- Contextual Vocabulary
- Grammar
- Error Identification
- Sentence Improvement and Construction
- Comprehension
- Reading Comprehension
- Fill in the blanks

Qualitative ability

The module is ideal to evaluate the numerical ability of an individual and is available in both technical and non-technical flavors.

Befitting Job Functions/Profiles:

This module will be relevant for almost all profiles such as Content Development, Business Consulting, HR/Admin, ITES/BPO, Marketing, Engineering, Sales and Customer Management, IT, Hotel Management, Life Sciences, etc.

Number of Questions:16
Module Duration:20 minutes
Detailed Syllabus:

- Basic Mathematics
- Divisibility
- HCF and LCM
- Numbers
- Decimal fractions
- Applied Mathematics
- Profit and Loss
- Simple and Compound Interest
- Time, Speed, and Distance
- Inverse
- Permutation and Combinations
- Probability

MODULE 3:
PROGRAMMING WITH PYTHON

- SETUP FOR PYTHON
- 2. BASICS OF PYTHON
- 3. VARIABLES AND DATA TYPES IN PYTHON
- 4. ARITHMETIC, LOGICAL AND CONDITIONAL OPERATORS.
- 4. CONTROL FLOW IN PYTHON
- 5. ITERATION WITH WHILE AND FOR LOOPS
- 6. FUNCTIONS, SCOPE AND EXCEPTIONS
- 7. OBJECT ORIENTED PROGRAMMING
- 8. PYTHON MODULES
- 9. FILE HANDLING

MODULE 4:
DATA ANALYSIS WITH PYTHON

1) INTRODUCTION TO NUMPY
    NUMERICAL COMPUTING WITH NUMPY
    ARRAYS, VECTORS AND MATRICES IN NUMPY
2) INTRODUCTION TO PANDAS
    ANALYZING TABULAR DATA WITH PANDAS
    QUERYING, FILTERING, SORTING DATA FRAMES
    GROUPING AND AGGREGATION FOR DATA SUMMARIZATION
    MERGING AND JOINING DATA FROM MULTIPLE SOURCES
3) VISUALIZATION WITH MATPLOTLIB AND SEABORN
    BASIC VISUALIZATION WITH MATPLOTLIB
    VISUALIZATION WITH SEABORN
    CUSTOMIZING AND STYLING THE CHARTS
4) Visualization Using Folium

ASSIGNMENT 1- DATA PRE-PROCESSING

MODULE 5:
STATISTICS

- INTRODUCTION TO PROBABILITY
- INTERSECTION, UNION AND INDEPENDENCE
- MEASURES OF CENTRAL TENDENCY
- MEAN, MEDIAN, MODE AND RANGE
- STANDARD DEVIATION AND VARIANCE
- RANDOM VARIABLES
- PERCENTILES AND QUARTILES
- DISTRIBUTIONS
- LEFT SKEWED AND RIGHT SKEWED DISTRIBUTIONS
- COVARIANCE AND CORRELATION
- CENTRAL LIMIT THEOREM
- CONFIDENCE INTERVAL
- HYPOTHESIS TESTING

PROJECT 1: EXPLORATORY DATA ANALYSIS

MODULE 6:
DATA WRANGLING WITH SQL

- INTRODUCTION TO SQL
- ENTITY RELATIONSHIP MODEL
- DATA TYPES IN SQL
- SQL CONSTRAINTS
- OVERVIEW OF SQL STATEMENTS
- SQL OPERATORS
- SQL CLAUSES
- SQL FUNCTIONS
- GROUPBY AND FILTERING
- SUB QUERIES
- JOINS IN SQL
- SQL STATEMENTS
- NORMALIZATION

SIGNMENT- SQL

MODULE 7:   10 hrs
DATA ANALYSIS USING EXCEL AND TABLEAU

- Basics of Excel and spreadsheet
- Introduction to Tableau
- Different Charts
- Different Maps
- Tableau Dashboarding
- Mini Project-Using Excel & Tableau

PROJECT 2 (MINI)- USING EXCEL & TABLEAU

MODULE 8:   08 hrs
WEB SCRAPING USING BEAUTIFUL SOUP

- Scraping the website using Python
- Local Development Using Conda & Git

PROJECT 3- WEB SCRAPING PROJECT

MODULE 9:   18 hrs
SUPERVISED MACHINE LEARNING

- Introduction to Linear Regression
- Linear Regression Using Scikit-learn
- Logistic Regression & Classification of Algorithms
- Decision Tree
- Random Forest
- Gradient Boosting
- Model Optimization & Hyperparameter Tuning

PROJECT 4- LINEAR REGRESSION PROJECT WITH THE REAL WORLD DATA
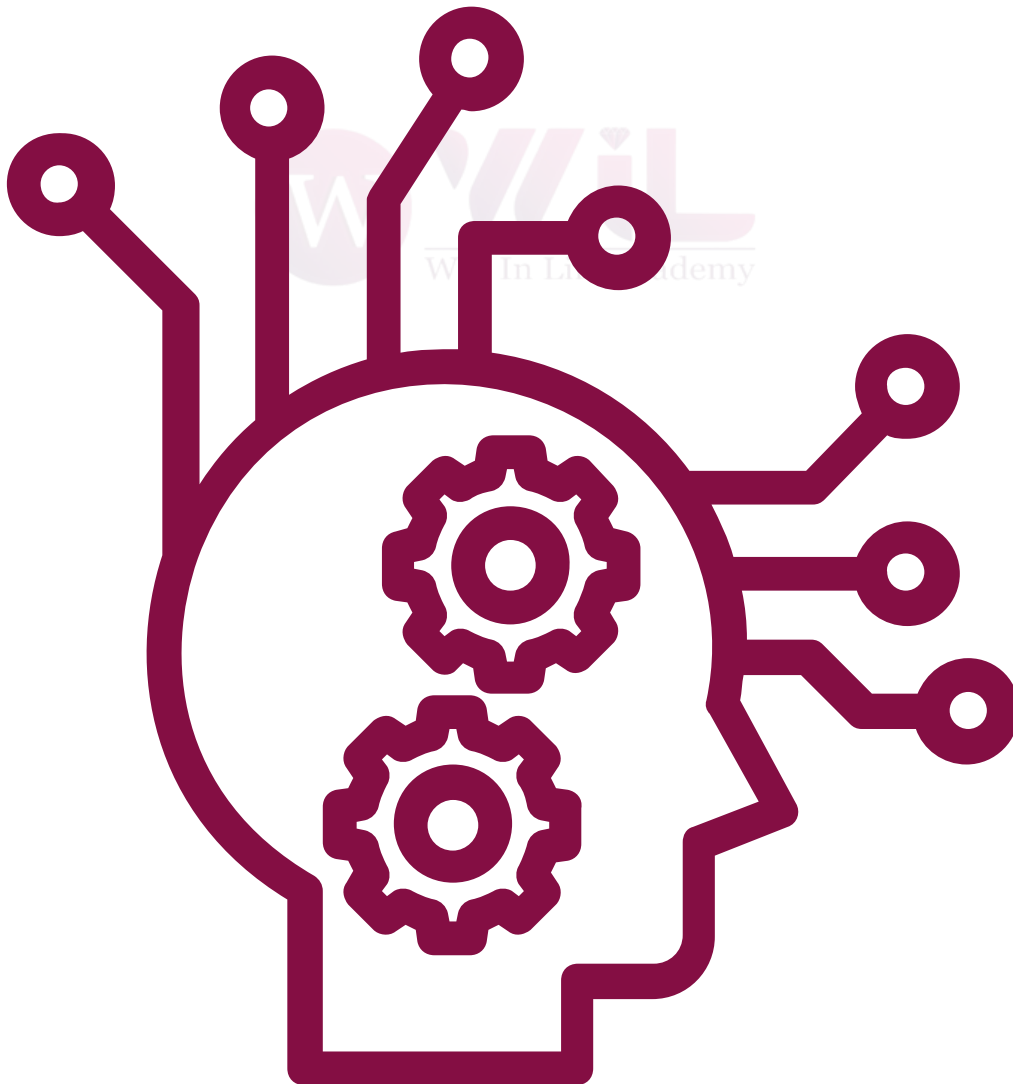
PROJECT 5- LOGISTIC REGRESSION PROJECT

MODULE 10:
UNSUPERVISED MACHINE LEARNING

- Introduction to KNN
- K Means Algorithm
- Clustering techniques
- DBSCAN
- Principal Component Analysis(PCA)

PROJECT 6: KNN PROJECT

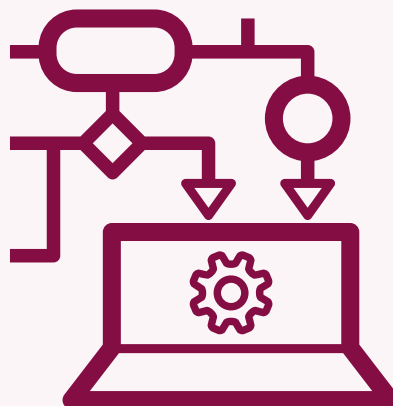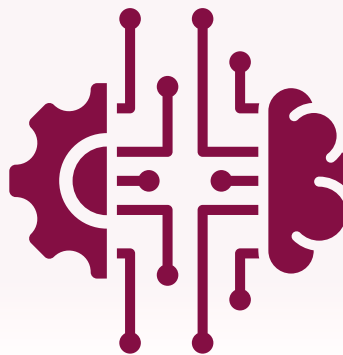## 1) WHAT IS DATA SCIENCE?

Data science is the domain of study that deals with vast volumes of data using modern tools and techniques to find unseen patterns, derive meaningful information, and make business decisions. Data science uses complex machine learning algorithms to build predictive models.

The data used for analysis can come from many different sources and presented in various formats.

2) WHAT'S THE DIFFERENCE BETWEEN DATA SCIENCE, ARTIFICIAL INTELLIGENCE, AND MACHINE LEARNING?

Artificial Intelligence makes a computer act/think like a human. Data science is an AI subset that deals with data methods, scientific analysis, and statistics, all used to gain insight and meaning from data. Machine learning is a subset of AI that teaches computers to learn things from provided data.

3) ARE DATA SCIENCE JOBS IN DEMAND?

With the fast development of modern technologies, data science is currently in extremely high demand, and this is only going to grow. For verification, just type "data science jobs" into Google or search for them in any job hunting website such as LinkedIn, Glassdoor, or Indeed. You will be overwhelmed by the number of job opportunities in this sphere.

There are many explanations for such a popularity. The amount of data produced around the world is rapidly accumulating every day, and every business requires data analyzing and predictive modeling to remain

alive and successful in today's highly competitive market. Scientific research in any field can be conducted only if enough historical data is collected. In other words, the more data an organization or science has gathered, the more reliable data-derived forecasts it can make.

That said, as with any other sphere, there were (and are) various "fashionable" trends in data science in different periods of its existence: machine learning, deep learning, data engineering, big data, and even Covid-19 data science.

4) WHAT ARE THE PREREQUISITES TO START LEARNING DATA SCIENCE?

While it is true that for mathematicians, statisticians, and programmers, the process of learning data science could be smoother and quicker, it doesn't necessarily mean that a career in data science is completely inaccessible to people with different qualifications. Indeed, there are plenty of inspiring stories of the success of people who have entered this sphere from completely unrelated professions, made fast progress, and are now happily employed.

However, it is not correct either to claim that there are no prerequisites at all for a person to

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start learning data science. To succeed in your studies, you will need to be fascinated by the data and what is hidden behind it, an exploratory mindset, a certain amount of creativity, and a high motivation to learn Data Science.
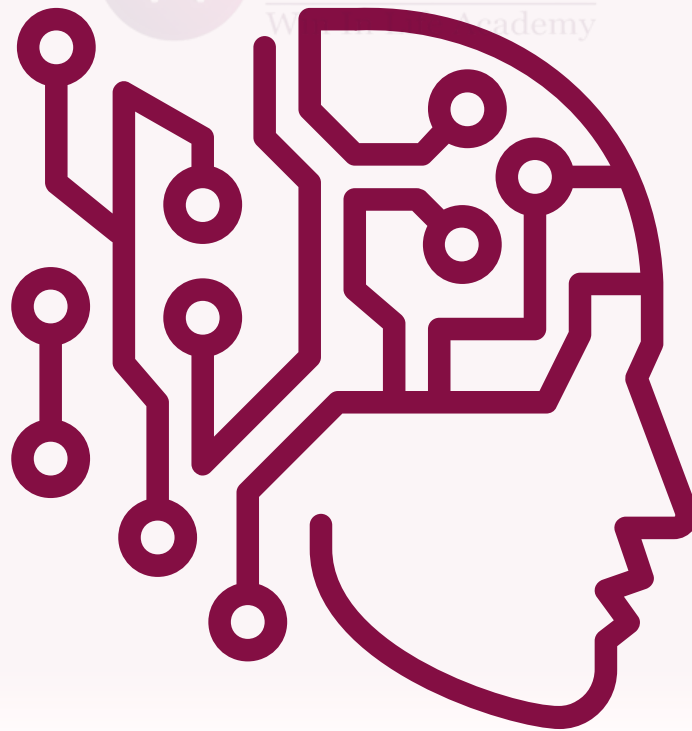
5) HOW LONG DOES IT TAKE TO LEARN DATA SCIENCE?

The answer to this question depends on many factors, such as the way of learning you choose (book-based or video-based self-tuition, in a school, a boot camp, a master's program, etc.), the curriculum you follow, how many hours you are ready to dedicate to learn data science, your initial background, etc. On average, to a person with no prior coding experience and/or mathematical background, it takes from 7 to 12 months of intensive studies to become an entry-level data scientist.

It is important to keep in mind that learning only the theoretical basis of data science may not make you a real data scientist.

Whatever program you choose, you should pay attention to practicing your skills, making data science projects, creating your project portfolio, exploring data science use cases in various spheres, and experimenting with alternative approaches to solving the same data science task. All these activities, if conducted with diligence and persistence, can be rather time-consuming. However, this is the best way to master your data science skills and gain job-ready proficiency.

To accelerate your learning process, consider opting for an online self-study program with a well-balanced curriculum that covers the most important techniques and aspects of data science. This will help you efficiently manage

your time, decide on the most comfortable and productive approach to learning the materials, and allow you to learn at your own pace from wherever you have a computer and Internet access. With Datacamp, you can select from fully-packed career tracks for very beginners, specialized skill tracks to sharpen particular skills, and short courses to explore narrow-focused topics.

6) HOW PROFICIENT SHOULD A DATA SCIENTIST BE IN CODING?

While coding is an essential skill for any data science job, expertise in programming is not mandatory to get started in this sphere. No doubt, a person who wants to land a job in data science should be familiar with certain programming languages and related technical tools, and the companies that hire data scientists usually require such skills. However, the coding toolkit of a data scientist is definitely not as extensive as that of, say, a software developer or a computer scientist. The choice of programming languages relevant to solving data science tasks is also quite limited, and learning the basic data-related methods and techniques of only one of them can be a great place to start.

Rather than being a purely programming-focused discipline, data science is a vast field of study that requires a diverse set of skills and competencies apart from coding, such as having an analytical mindset, understanding statistics, probability, linear algebra, efficient storytelling, and business domain knowledge.
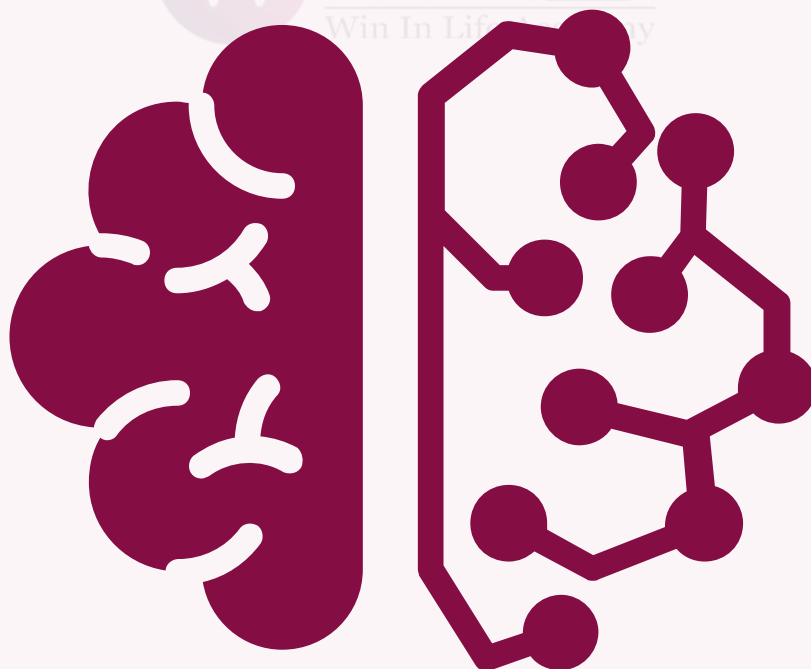
7) WHAT ARE THE MOST IMPORTANT PROGRAMMING LANGUAGES TO LEARN TO BECOME A DATA SCIENTIST?

There are three programming languages that are widely used in data science: Python, R, and SQL.

Python is an open-source, object-oriented, high-level programming language that was originally used for general-purpose programming in computer science, but later became very popular in data science. Its main advantages are an extensive standard library and a big collection of additional modules which are particularly helpful for solving data science tasks. In addition, Python is intuitively

understandable and easy to learn and use, can be run in many operating systems, and is supported by a strong community.

R is a popular data science-oriented programming language and free software that is very powerful in statistical computing and data visualization. Just like Python, it provides many data science and machine learning libraries for solving different tasks, is operating system friendly, and has excellent online support. However, this programming language is considered to be less intuitive than Python.

While Python and R are mostly similar in their functionality, SQL (Structured Query Language) is used for a different purpose: to query

relational database management systems such as tables with connected data entries. SQL has several flavors, all with a rather similar syntax; some of them are free and open source (e.g., MySQL, SQLite, PostgreSQL).
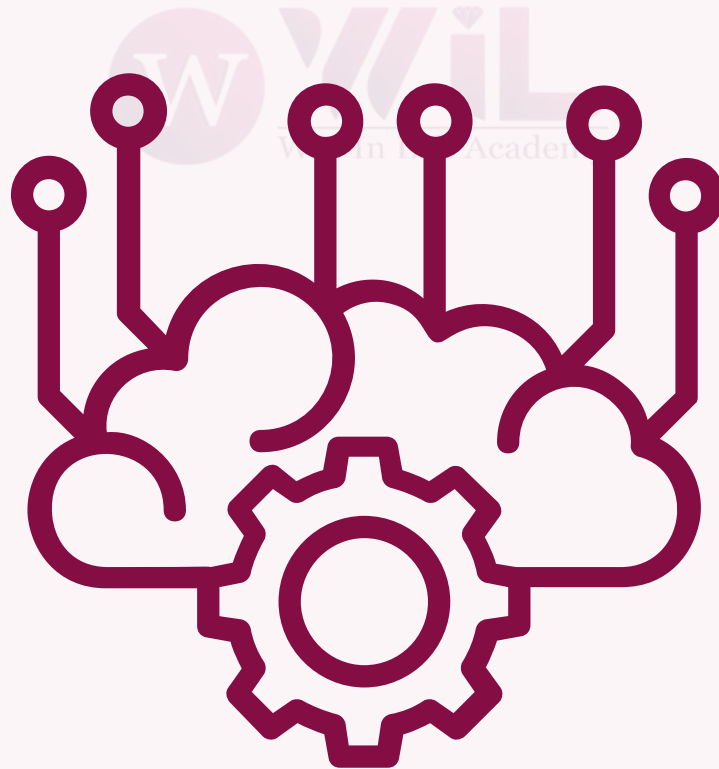
8) DOES DATA SCIENCE HAVE A FUTURE?

There is already increasing automation in data science, and it is certainly not going to slow down. You can already program a machine based on multiple parameters to find the best possible business solution to a problem.

In the past statisticians had to manually design their predictive models and readjust them over and over again. Growing amounts of data and ever more complex business problems make this very difficult without applying the concepts of data science. In this context, data science is here to stay for a very long time.

9) WHAT IS THE JOB OF A DATA SCIENTIST?

The job of a data scientist can be anything related to maths or statistics. The daily work of a data scientist includes defining business problems or opportunities, manipulating data to solve problems, data modeling and testing to provide business solutions, and coding, with which the selected solution is executed. When coding, data scientists use different languages for data science and analysis, Eg: Python, SAS, R, SQL etc.

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10) WHY SHOULD YOU CARE ABOUT DATA SCIENCE?

Since your rivals are now utilizing them and your clients expect precisely that from you. Data science-backed processes can increase client satisfaction to improve deals, backing etc. They gain experiences into future patterns that they can use for vital planning. Perhaps all the more critically, you can gain practical business solutions.

If you don't actively invest in data science, your business will be overtaken and left behind by the competition in the age of artificial intelligence and the data renaissance.

CAREER OPPORTUNITIES

Career opportunities are available across industries. Here are some common types of career fields and examples of career opportunities.

Data Scientist | 1

Business Analyst | 2

Statisticin | 3

Data Engineer | 4

5 | **Machine Learning Engineer**

6 | **Financial Analyst**
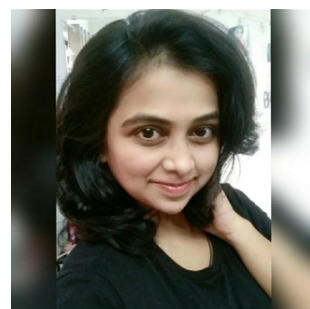
7 | **Actuarial Scientist**

8 | **Data Architect**

"THE FUTURE BELONGS TO THOSE WHO BELIEVE IN THE BEAUTY OF THEIR DREAMS."

Our Alumni Students Have Secured Challenging and Highly Paid Positions in Top Ranking Organizations in India.
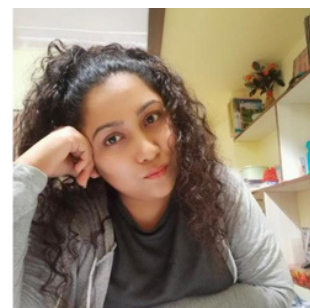
IBM

HCL

Deloitte.

accenture

cognizant

Capgemini

wipro

tcs TATA CONSULTANCY SERVICES

Infosys

J.P.Morgan

EVENTS

Held across all major Cities in India, Win In Life Academy Events bring together learners, faculty and industry experts for a power-packed day of activities, career- structure sessions and live projects.

HEAR FROM OUR LEARNERS

★★★★★

First my friend have taken the admission then seeing him I took admission it is really appreciable how they teach us this topic in such a easy way Very good environment with knowledgeable people.

★★★★★

I have learned a lot from this institute. Very best and i would definitely recommend it to my friend and family.

★★★★★

Very great place to learn and fantastic opportunity for students who are trying to excel their career on the field of Data Science.

★★★★★

My daughter have taken her admission in the data science field, she is getting many different strategies to grab this topic easily.

J

★★★★★

It's really a good place for learning and getting proper training with skilled trainers.

★★★★★

It is a good institute to learn, it has helped me a lot to know many things . It not only gave me technical knowledge but it has also given me non technical knowledge.

★★★★★

Visited the Institute at Bangalore and went through the curriculum and course material. Quality of tutors and academic infrastructure is quite impressive. Good launchpad for job seekers.

S

PROGRAM DETAILS & ADMISSION PROCESS

PROGRAM DURATION ⌄

6 Months / Online & Offline

PROGRAM FEE ⌄

INR 82,600 (Inclusive of All Taxes)

-24/7-

Available

Fees Details:

Booking Amount- 23,000/-

- 5,000/- (Seat Reservation Charges)
- Balance of 18,000/- to be paid on or before the commencement of the class.

- Rest 59,600/- to be paid within 55 days of Batch Commencement

Disclaimer: Program Fees and payment options are subject to change. Please refer to the Website or connect to the counsellor for updated details.

ELIGIBILITY ⌄

Bachelor's Degree With 50% or Equivalent Passing Marks. No Coding Experience Required.

Online & Offline

Monday to Friday

1.5-2 hrs/ Day

BENEFITS ⌄

1   **Decision Making**

2   **Identifying Opportunities**

3   **Challenges Employees**

4   **Automating Recruitment**

5   **Reduces Risks**

🌐 www.wininlifeacademy.com

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Data Science Program Pre-requisites
Graduation in: BE | B. Tech | M.Sc. (Maths) | MCA,Statistics

Top Company for Data Science	Average Compensations As per Glassdoor (varies from experience to experience)
Mercedes Benz Research and Development	INR 12,99,901
JP Morgan	INR 19,35,226
Paytm	INR 8,00,000
Boston Consulting Group	INR 22,80,152
Airtel X Labs	INR 21,00,000 – 27,00,000
Oracle	INR 12,21,990
PayPal	INR 18,78,069

Data Science Jobs Roles & Salary

Job Profile	Average Annual Salary LPA
Data Scientist	INR 7- 8
Application Architect	INR 4 – 6
Business Intelligence Developer	INR 4.5 – 6.5
Machine Learning Engineer	INR 5 – 11
Data Architect	INR 7 – 10
Clinical Data Scientist	INR 3 – 6
Machine Learning Scientists	INR 6
Statistician	INR 5.34
Actuarial Scientist	INR 10
Mathematician	INR 9
Data Engineer	INR 8
Software Developer Analyst	INR 5.75

Connected Companies for Data Science

Flipkart	American Express	Fortune
Paytm	Globallogic	Usha
Huawei	Newgen	Samsung
Air India	PWC	Accenture
Genpact	Deloitte	HCL
Capgemini	Micro Focus	Mitu
BNP Paribas	Moglix	Fortune
Citibank	Genpact	Usha
Bank of America	SBI Card	Samsung
Nomura	Personiv	Accenture
JP Morgan	Cognizant	HCL
Morgan Stanley	Tech Mahindra	Mituj
Accenture	Infinite	Tredence Technologies
Cognizant	Allegis Group	Mindtree
Nielsen	Magicbrick	Wipro

Berkadia	Crayon
Fractal Inc	Fraazo
LTI	Hexawear
24x7	TCS
Dell Technologies	Microsoft

CAREER SUPPORT

- **Profile Building:** A team of experienced professionals is available to offer personalized assistance in creating a CV and online profiles tailored to your educational background and experience. Our team is dedicated to providing you with the best possible service to ensure that your application materials are of the highest quality. We understand the importance of presenting yourself in the best light and are here to help you do just that.

- **Interview Preparation:** Following the initial assessment, we will provide one-on-one interview preparation, guidance for career development tasks, and, if needed, mock interviews. These services are designed to ensure that our students are well-prepared for the job market and have the necessary skills and knowledge to succeed.

- **Grooming Sessions:** We understand the importance of making a positive first impression in an interview. To help ensure success, we provide comprehensive etiquette training to ensure that you are prepared, polished, and poised for the interview day. Our training covers a variety of topics, such as appropriate attire, body language, and communication skills, to ensure that you are fully equipped to make a favourable impression. With our help, you can be confident that you will be able to present yourself in the best possible light and make a lasting impression.

- **Job Referrals:** Various organizations, clients, and Human Resources consultants provide a range of job requirements for our consideration. These organizations and individuals work in a variety of different companies and industries, giving us a broad range of job requirements from which to choose. We take great care to ensure that we meet the requiremen

- **Continuous Support:** Our team is committed to providing continuous support for our students for as long as it is needed. We are proud to report that most of our students have received multiple interview calls and have been presented with excellent career options due to the skills they acquired during their studies. We strive to ensure that our students are equipped with the necessary knowledge and skills to succeed in their chosen fields.

THANK YOU

✉ **Email**

info@wininlifeacademy.com

📱 **Phone**

+919035613728/+918904229202

🌐 **Website**

www.wininlifeacademy.com

APPLY NOW

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