

ASHA LEARNOLOGY

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Data science, a fusion of statistics, computer science, and domain knowledge, extracts valuable insights from data. Through rigorous analysis and modeling, data scientists uncover patterns and trends, empowering informed decision-making. With its interdisciplinary approach and advanced tools, data science revolutionizes industries by transforming raw data into actionable intelligence.













JRSEQUILINE

- *EXCEL & ADVANCE EXCEL
- **❖** VBA
- **❖JAVA SCRIPT**
- *R LANGUAGE
- * MATHEMATICS
- **❖VISULIZATION**
- **❖MACHINE LEARNING**

- *ARTIFICIAL INTELLIGENCE
- **ADVANCE PYTHON**
- **SAS**
- **❖ DEEP LEARNING**
- **SQL & MYSQL**
- **DATA TOOLS (POWER BI)**

















EXEL&ADMANCE EXCEL

- Excel Basics
- Data Manipulation
- Formulas and Functions
- Charts and Graphs
- Data Analysis Tools
- Macros and VBA
- Data Validation
- Conditional Formatting
- Data Visualization
- Data Analysis Add-Ins





















VBA (MSUAL BASIC APPLICATION)

- Automation
- Customization
- Integration
- Event-DrivenProgramming
- Object-Oriented
- Debugging and Testing
- Security
- Community and Resources























JAMSCRPT

- Client-Side Scripting
- Web Development
- Cross-PlatformCompatibility
- Asynchronous Programming
- Node.js
- Libraries and Frameworks
- Support for Functional Programming
- Dynamic Typing





















RLANGUAGE

- Statistical Analysis
- Data Visualization
- Data Manipulation
- Package Ecosystem
- Reproducible Research
- Cross-Platform Compatibility
- Community Support
- Integration with Other Languages
- Open Source

THE BENEFITS OF R PROGRAMMING















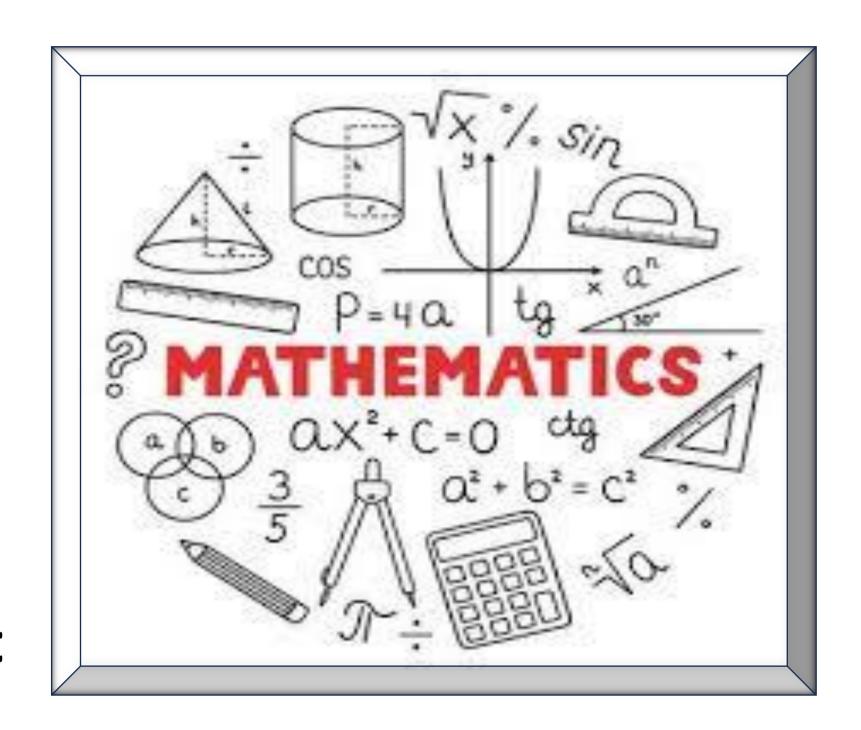






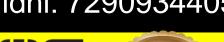
MATHATICS

- Core Concepts
- Problem Solving
- Abstraction
- Logical Reasoning
- Applications
- InterdisciplinaryConnections
- Mathematical Structures
- Continuous Development



















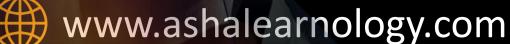
MSUZATION

- Data Representation
- Insight Discovery
- Communication
- Types of Visualizations
- InteractiveVisualizations
- Tools and Technologies
- Design Principles
- Storytelling with Data













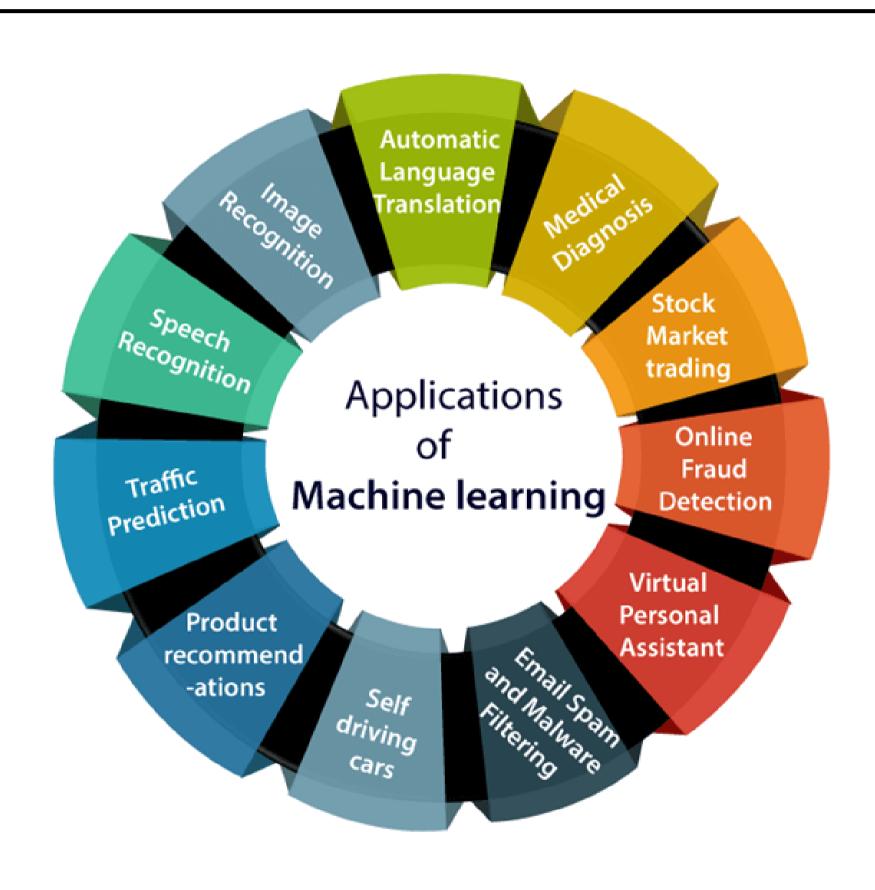






MACHNELEARNIG

- Learning from Data
- Types of Machine Learn
- Applications
- Algorithms
- Model Evaluation and Validation
- Data Preprocessing
- Ethical Considerations















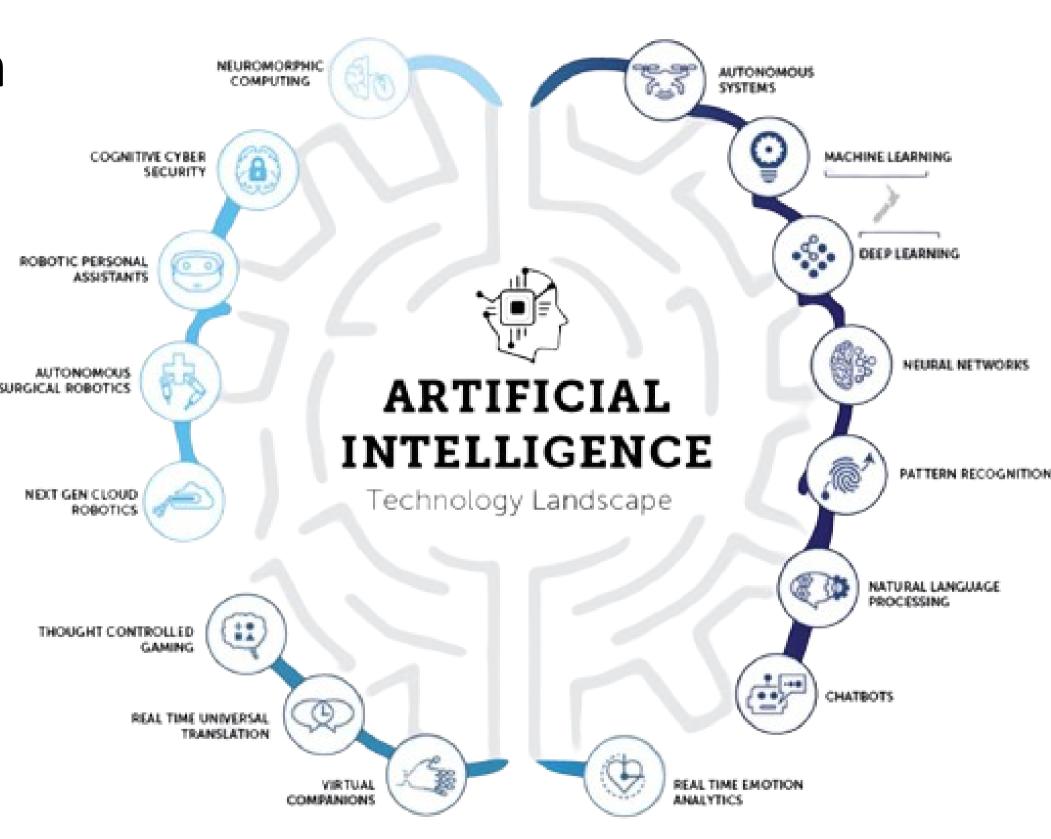






ARTHCIALINTELLIGENCE (A)

- Mimicking Human Intelligence
- Types of Al
- Subfields of Al
- Applications
- Ethical and Social Implications
- Future Outlook





















ADMIEPYTHON

- Functional Programming
- List Comprehensions and Generators
- Decorators and Metaprogramming
- Concurrency and Parallelism
- Optimization Techniques
- Profiling and Debugging
- Advanced Libraries
- Documentation and Testing



Advanced
Python
Programming



















SAS (Statistical Analysis System)

- Analytics and Data Management
- Statistical Analysis
- Business Intelligence (BI)
- Predictive Modeling and Machine Learning
- Big Data Analytics
- Programming Language
- Scalability and Performance
- Security and Compliance





















DEP LEARING

- Neural Networks
- Deep Architectures
- Learning Representations
- Convolutional Neural Networks (CNNs)
- Recurrent Neural Networks (RNNs)
- Training with Backpropagation
- Deep Learning Frameworks:
- Applications

Deep Learning Studio





Training

samples

layer





Deep learning package



results

















SQL&MSQL

- Data Definition Language (DDL)
- **Data Manipulation Language** (DML)
- **Data Control Language (DCL)**
- **Transaction Control Language (TCL)**
- **Data Types**
- **Querying Data**
- **Joins**
- **Indexing and Optimization**
- Stored Procedures and Functions
- **Triggers**

Data Security

High Performance

Comprehensive

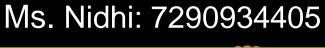
Transactional Support

The Flexibility Of Open Source

Round-The-Clock Uptime

Reduced Total Cost Of Ownership



















DATA TOOLS (POWER B)

- Data Connectivity
- Data Preparation
- Data Modelling
- Visualization
- Interactive Reports
- Data Sharing and Collaboration
- Natural Language Querying
- Integration with Microsoft Ecosystem
- Mobile Access
- Security and Compliance

