



CUBENSQUARE

MACHINE LEARNING

WEBSITE
cubensquare.com

ADDRESS
CubenSquare Technology Solutions
Sai Arcade, No-6, 2nd Floor, 200 Feet Radial Rd Toll Plaza, Near
Chennai One IT SEZ, Thoraipakkam, Chennai - 600097



ABOUT COMPANY

Cubensquare is an Indian startup company that provides IT services including technology training , consulting and operational services .

We have been teaching in-demand IT niche skills to countless professionals. And we are authorized Redhat training partner , guaranteed to help you learn and earn your IT certification.

We offer all Redhat courses and exam , DevOps & Cloud trainings . You'll learn from certified instructors who are among the best in IT field . We are committed to ensuring everything we do – course content , instruction, labs and even after-class support.

- Mock Interview
- Profile Readiness
- Interview Preparation
- Learning support
- Live Projects
- 250 + Job Placements
- 200 + Certifications
- 24/7 Learning Support
- 7500 + Students
- 5* Google review

COURSE OUTLINE

Part 1: Data Preprocessing

Part 2: Regression

Part 3: Classification

Part 4: Clustering

Part 5: Natural Language Processing

Part 6: Deep Learning

Part 7: Bonus Section: ChatGPT

PREREQUISITES

Basic knowledge of Python or R

Some familiarity with statistics



COURSE CONTENT

INTRODUCTION TO ML / AI

- Definition of machine learning
- Types of machine learning: supervised, unsupervised, reinforcement
- Examples of machine learning algorithms: linear regression, logistic regression, decision trees

DATA PREPROCESSING

- Importance of data preprocessing
- Data cleaning
- Feature engineering
- Dimensionality reduction
- Handling missing data
- Scaling and normalization

COURSE CONTENT

REGRESSION

- Simple linear regression
- Multiple linear regression
- Polynomial regression
- Support vector regression
- Decision tree regression
- Random forest regression

CLASSIFICATION

- Logistic regression
- K-nearest neighbors
- Support vector machines
- Naive Bayes
- Decision tree classification
- Random forest classification

DEMOS

- AI/ML Demo with Use case
- Algorithm with Examples
- Implementation using chatGPT

COURSE CONTENT

LEARNING OUTCOMES

- Understand the basic concepts of machine learning
- Be able to apply data preprocessing techniques to improve the performance of machine learning models
- Build and evaluate regression models
- Build and evaluate classification models
- Cluster data
- Apply natural language processing techniques
- Build and train deep learning models
- Use ChatGPT to interact with machine learning models





LIVE PROJECTS

Work with our expert team on Live projects which would involve sprint - planning, grooming, implementation, validation, demo phases . This will help you to get a real time expertise

STUDENTS TESTIMONY



Rajesh Haridoss

Attended Devops + Openshift course. Instructor is an industry expert and the concepts are taught with practical approach. It's just not only about the course, Always support is available for any questions/clarifications even after the course is complete. They conduct mock interviews and provide full assistance to place their students. 100% Recommend to join if anyone is interested to learn the new age technologies.



Sreenu

CubenSquare Technology is the best training & placement center in India. Not only in India, I can't find this kind of institute across the globe. You can be from any background but once you join here you can become the expert by knowing all the realtime knowledge with practicals...If you are very serious about your career to learn and get a job on the IT field this is the best place for you. Don't wait, just join and be serious about your career then your dream can come true....In one word, I can say that this is best place for the technology to learn...



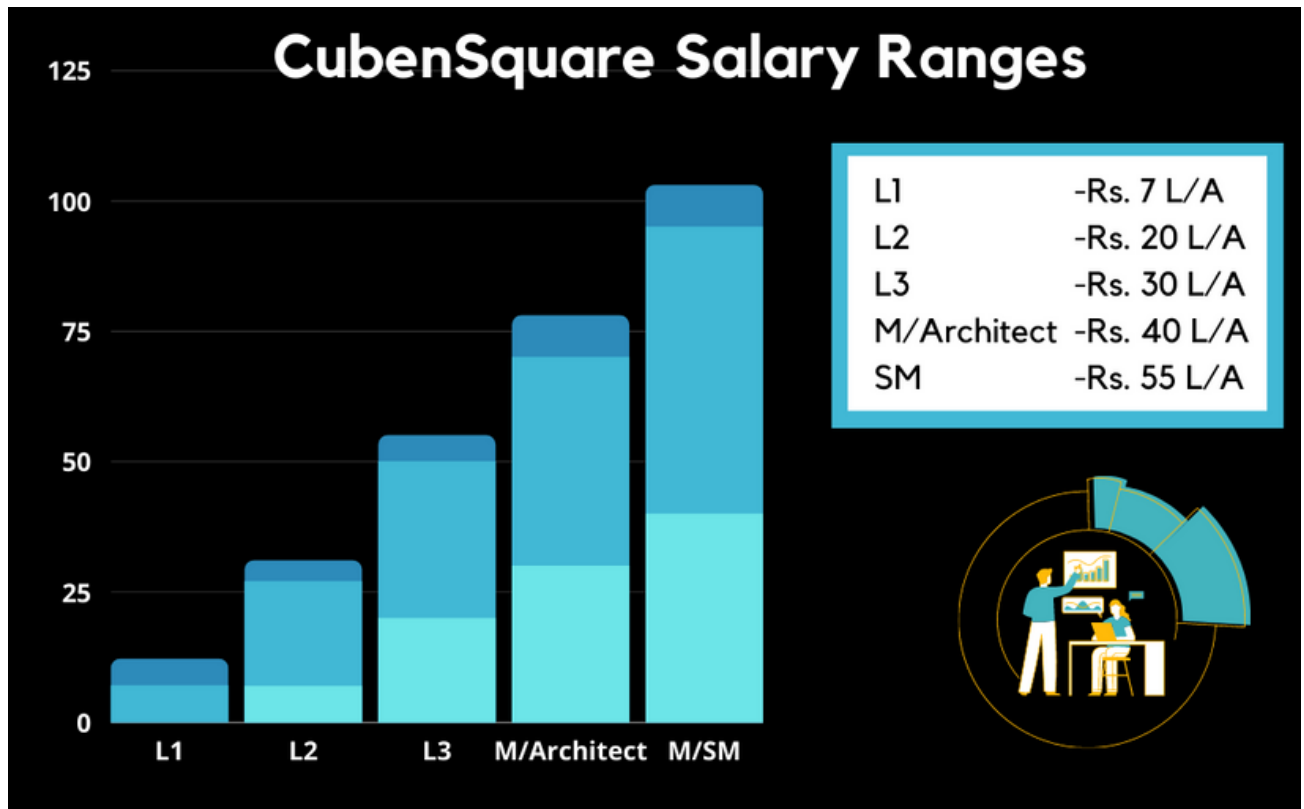
Vaithy Vaithiyanathan

When we learn technology we need more lab times so our hands on experience can improve, CubenSquare has this approach from day 1. Their syllabus are structured in such a way that even people who have less or no exposure in technology can also become a master in latest nice skills like cloud and DevOps. The instructor is amazing and has real time work knowledge in all these areas. I underwent the courses myself and can vouch for the support you get here. Additionally, job placements are the icing on the cake for every candidate. If you want to learn Cloud, DevOps or automations please look no further than CubenSquare

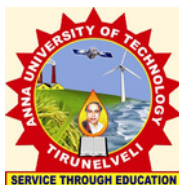
PLACEMENTS



SALARY RANGES



OUR PARTNERS



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