



Data Analytics with AI

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About NomadSkills

At Nomadskills, we strive to bridge the gap between academia and the industry; providing skill education and training on cutting-edge technologies.

Our mission is to impart affordable and top-notch skill camps and courses, both offline and online, cultivating academic excellence and essential practical skills for your journey to success. We are not just an ed-tech company – we are the hub of innovation in education!

Visit Our Site:

www.nomadskills.in

Call Us:

+91 6301604347



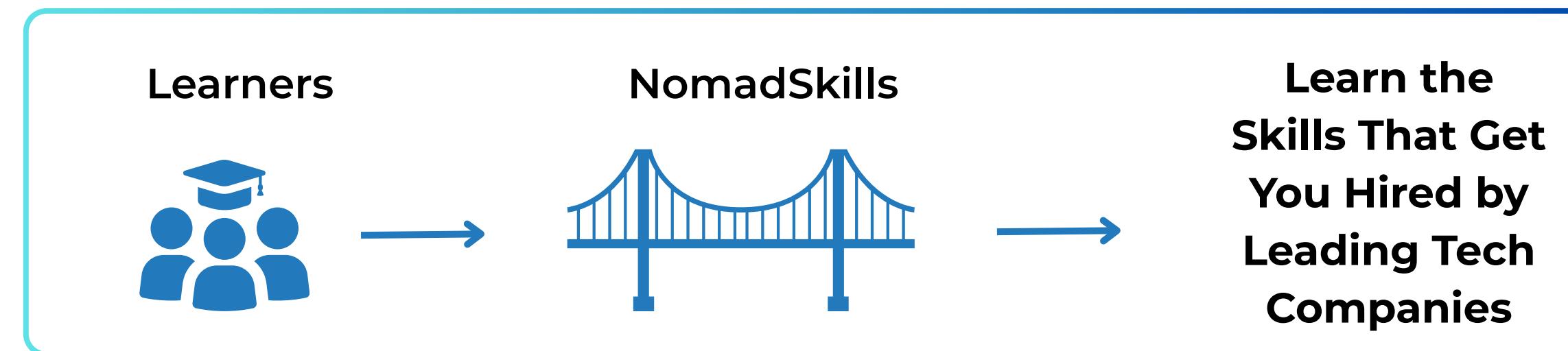
Why Industry-Ready Skills Matter

In today's tech-driven world, having just a degree isn't enough.

Students, recent graduates, and working professionals need **skills that match real industry needs** – especially in **Software Development, DevOps, Analytics and Data Science**. Traditional learning often misses hands-on experience.

That's where **NomadSkills** bridges the gap – through:

- Real-world projects & mock interviews
- Personalized learning and mentorship
- Career-focused upskilling for every learner



Your Tech Career Launchpad



Step 1

Learn



Step 2

Build



Step 3

Certified

Master In-Demand Technologies with Industry Experts

Immerse yourself in comprehensive learning experiences designed by industry professionals. Get hands-on with real-world projects and cutting-edge technologies.

Create Real-World Projects That Impress Employers

Transform your knowledge into tangible skills by building industry-standard projects that solve real problems and showcase your expertise.

Earn Industry-Recognized Certifications

Validate your skills with certifications that are respected by employers worldwide. Showcase your expertise and stand out in the job market.



Step 4

Hired

Get Ready for Your Dream Tech Job

We don't just train you - we prepare you for success. From resume building to interview preparation, we're with you until you land your dream job.

Master Data Analytics with AI

Learning Path



Analytics Mindset &
Excel Foundations



SQL for Data Analysts



Python for Data Wrangling &
EDA



Statistics for Business
Decisions



Data Visualization & BI
Dashboards



Analytics Mindset & Excel Foundations

Build strong analytical foundation and master Excel for business analysis



What You'll Learn

Thinking like an Analyst

KPI trees development

Tidy data principles

Excel formulas and
functions

Pivot tables mastery

XLOOKUP advanced
usage

Hands-on Projects

Retail KPI Workbook

Skills Gained

Excel

Power Query

Data Thinking

KPI Analysis

Learning Path



Analytics Mindset & Excel Foundations



SQL for Data Analysts



Python for Data Wrangling & EDA



Statistics for Business Decisions



Data Visualization & BI Dashboards



SQL for Data Analysts

Write production-ready SQL queries for complex data analysis



What You'll Learn

 SELECT queries & filtering

 WHERE clauses & conditions

 GROUP BY & aggregate functions

 JOINs & table relationships

 Common Table Expressions (CTEs)

 Window Functions for analytics

Hands-on Projects

 Food Delivery Case Analysis

Skills Gained

SQL

PostgreSQL

Query Optimization

Data Analysis

Learning Path



Analytics Mindset & Excel Foundations



SQL for Data Analysts



Python for Data Wrangling & EDA



Statistics for Business Decisions



Data Visualization & BI Dashboards



Python for Data Wrangling & EDA

Clean, analyze, and visualize data using Python for business insights



What You'll Learn

Python programming basics

Data reshaping techniques

Data visualization with matplotlib/plotly

Pandas for data cleaning

Exploratory Data Analysis (EDA)

Working with APIs

Hands-on Projects

E-commerce Customer Segmentation

Skills Gained

Python

Pandas

EDA

Data Visualization

APIs

Learning Path



Statistics for Business Decisions



Data Visualization & BI Dashboards



Business & Product Analytics



Automation & Collaboration



Domain Specialization Track



Statistics for Business Decisions

Apply statistical methods to make data-driven business decisions



What You'll Learn



Statistical distributions



Sampling techniques



Hypothesis testing fundamentals



T-tests implementation



Chi-square tests



Correlation vs causation



A/B testing



Business experiment

Hands-on Projects



Landing Page A/B Test

Skills Gained

Statistics

A/B Testing

Hypothesis Testing

Business Experiments

Learning Path

DECISIONS

Data Visualization & BI Dashboards

Business & Product Analytics

Automation & Collaboration

Domain Specialization Track

Capstone & Placement Prep



Data Visualization & BI Dashboards

Create compelling BI dashboards for executive decision-making



What You'll Learn

Chart types selection

Data modeling for BI

Row-level security

Dashboard design principles

DAX & calculated fields

Drill-through functionality

Hands-on Projects

Executive Sales Dashboard

Skills Gained

Power BI

Tableau

Dashboard Design

Data Storytelling

DAX

Learning Path

Decisions

 Data Visualization & BI
Dashboards

 Business & Product Analytics

 Automation & Collaboration

 Domain Specialization Track

 Capstone & Placement Prep



Business & Product Analytics

Analyze business performance and product metrics for growth



What You'll Learn

 Funnel analysis techniques

 Churn & retention analysis

 Lifetime Value (LTV)

 Cohort analysis implementation

 Customer Acquisition Cost (CAC)

 Marketing mix modeling

Hands-on Projects

 SaaS Churn Dashboard

 App Funnel Report

Skills Gained

Funnel Analysis

Cohort Analysis

Learning Path

DECISIONS

 Data Visualization & BI Dashboards

 Business & Product Analytics

 Automation & Collaboration

 Domain Specialization Track

 Capstone & Placement Prep

Automation & Collaboration

Automate reporting and collaborate effectively using modern tools



What You'll Learn

 Scheduled refresh automation

 dbt concepts introduction

 Reproducible analysis

 ETL pipeline basics

 Git & GitHub for analysts

 Documentation best practices

Hands-on Projects

 Automated Weekly BI Report

Skills Gained

Git

GitHub

ETL

Automation

Documentation

Learning Path

DECISIONS

 Data Visualization & BI Dashboards

 Business & Product Analytics

 Automation & Collaboration

 Domain Specialization Track

 Capstone & Placement Prep

Domain Specialization Track

Specialize in your chosen domain and build portfolio-ready projects



What You'll Learn

 Marketing Analytics deep dive

 Finance/RevOps analytics

 Industry case studies

 Product Analytics specialization

 Domain-specific KPIs

 Advanced query writing

Hands-on Projects

 Domain-Specific Dashboard + Queries

Skills Gained

Domain Expertise

Advanced SQL

Custom Dashboards

Learning Path

DECISIONS

 Data Visualization & BI Dashboards

 Business & Product Analytics

 Automation & Collaboration

 Domain Specialization Track

 Capstone & Placement Prep

DECISIONS

Capstone & Placement Prep

Graduate with a strong portfolio and be interview-ready for analyst roles



What You'll Learn

 Capstone project execution

 GitHub portfolio development

 Business presentation skills

 Domain/business problem selection

 BI dashboard creation

 Resume optimization

Hands-on Projects

 Capstone Project

 GitHub Portfolio

 Business Presentation

Skills Gained

Portfolio Development

The NomadSkills Way: Learn, Build, Get Hired

After completing each module, learners attend a mock interview, build a mini project, and become eligible for internship or job placement opportunities.



Attend Mock Interviews

Practice real interview questions and get mentor feedback.



Build a Mini Project

Apply your learning through hands-on project work.



Internship & Job Opportunities

Qualify for internship and placement interviews with top tech companies.



The Real Work Framework – Experience How Real Teams Build Projects

At NomadSkills, learning goes beyond coding.

Each batch of 25-30 learners is divided into small teams (5-6 members), with assigned Team Leads and a Project Head. Together, they work on real-time projects - following the same process used in top tech companies.

Every team member has individual tasks, attends daily stand-up meetings, and gives daily progress updates - just like in a real job environment.

In every new project, roles rotate — helping everyone experience leadership, teamwork, and technical ownership.

The Real Work Framework

Example: Data Analytics Real-Time Project

Project Theme: AI-Powered Job Recommendation & Analytics Dashboard

Team Structure:

- **Data Ingestion & Collection Team** — Collect and clean data from job APIs and resumes for analysis.
- **Data Engineering Team:**
 - Build ETL pipelines for data cleaning and transformation.
 - Store data in a warehouse like PostgreSQL or BigQuery.
- **Data Science / ML Team**
 - Use NLP to extract skills from resumes.
 - Build AI models for job recommendations and predictions.
- **Visualization & Frontend Team**
 - Create dashboards using Power BI or Tableau.
 - Display insights such as top companies, skill trends, and job matches.
- **MLOps / Deployment Team**
 - Containerize models and deploy on AWS or Azure.
 - Automate data updates and monitoring.
- **Team Lead & Project Head** — Manage sprints, reviews, and team coordination

Workflow Simulation:

- Requirement Gathering & Task Division**

Set project goals, data sources, and assign roles.

- Data Collection & Preprocessing**

Gather and clean job data for analysis.

- Model Building & Analysis**

Build AI models for recommendations and insights.

- Visualization & Integration**

Develop dashboards and connect model outputs.

- Final Deployment & Review**

Deploy the project on AWS and present it live to the mentors.

Interview Preparation at NomadSkills



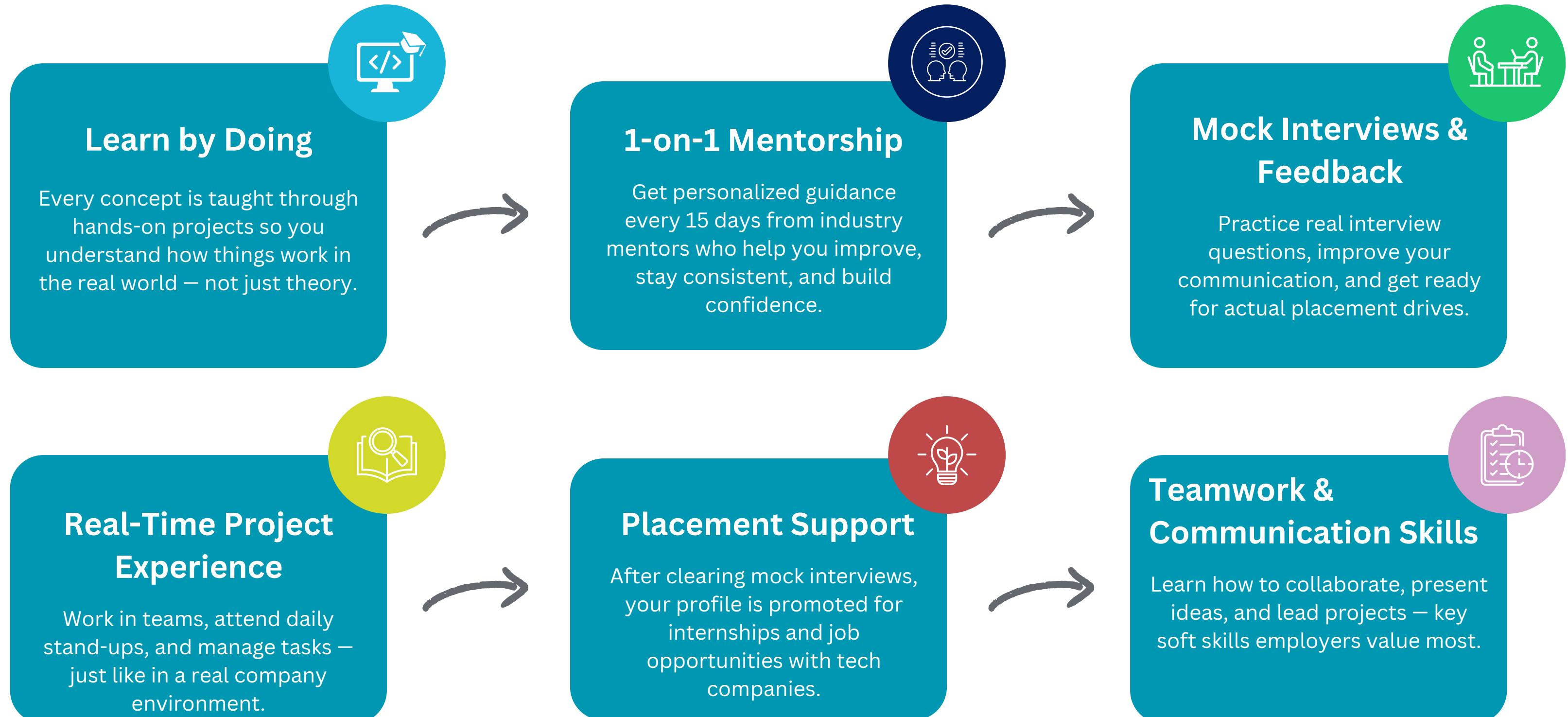
Practice real company-style interviews after each module.

Get personalized feedback and improvement tips from industry mentors.

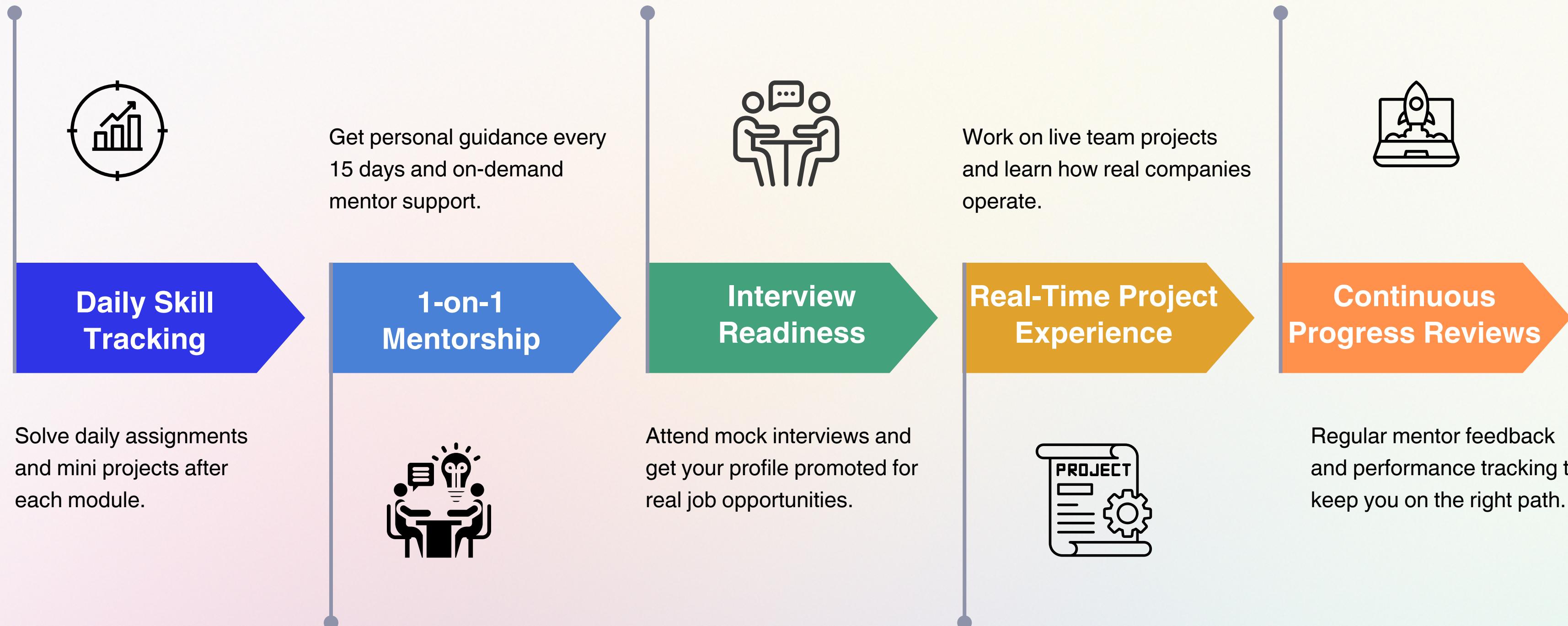
Create a strong GitHub portfolio and a professional resume that stand out.

Once you clear internal mock interviews, our team promotes your profile for internships and job opportunities.

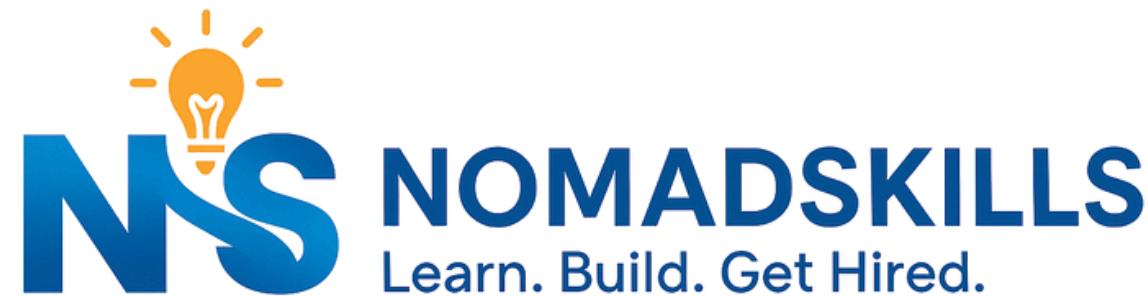
Benefits for Students at NomadSkills



How We Measure Success



Start your journey
with us today!



Email
contact@nomadskills.in

Call us
+91 6301604347