



# Admin Guide

## Admin Dashboard

1. Access: Log in with admin credentials.
2. Key Metrics:
  - Total users, courses, revenue (updated in real-time).
  - Visual charts (user growth, course popularity).

## User Management

### Manage Users

1. Navigate to Users → View paginated list.
2. Actions:
  - Edit: Click  to update roles (Learner/Instructor/Admin).
  - Delete: Click  (confirmation required).
  - Verify/Unverify: Toggle user verification status.

### Bulk Actions

- Export user data as CSV.

## Course Management

### Create a Course

1. Go to Courses → Create New.
2. Fill in:
  - Title, description, thumbnail (URL).
  - Level, duration, and instructor assignment.

### Modify Content

- Edit/delete courses or challenges.
- Add coding challenges with test cases.

## Security & Analytics

### Security Alerts

- View suspicious login attempts under Security.
- Automated alerts for:
  - Failed logins (>3 attempts).
  - Unverified instructor sign-ups.

### Analytics

- Export reports (user activity, revenue).
- Monitor peak usage times.

## Troubleshooting

Issue	Solution
Can't log in	Reset password or contact support.
Code execution failed	Check syntax or test cases.
Missing courses	Ensure instructor/approval.

## Support

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