Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

LEGAL INSTITUTE

Autonomous Vehicles Regulation and Liability Management Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

DATASTAT TRAINING INSTITUTE

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Autonomous Vehicles Regulation and Liability Management Training Course

Legal Institute • 5 Days Intensive • Accredited Certification

Course Overview

Autonomous Vehicles Regulation and Liability Management Training Course is designed to equip participants with the legal, regulatory, technical, and risk management expertise required to navigate the rapidly evolving autonomous mobility industry.

Key Skills & Software Tools Covered

Autonomous Vehicle Regulation • AI Liability Assessment • Road Safety Compliance • Transport Law Governance

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
23 Nov 2026 – 27 Nov 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
23 Nov 2026 – 27 Nov 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
23 Nov 2026 – 27 Nov 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**
23 Nov 2026 – 27 Nov 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 110,000**
23 Nov 2026 – 27 Nov 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 110,000**
23 Nov 2026 – 27 Nov 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 110,000**
23 Nov 2026 – 27 Nov 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 110,000**
23 Nov 2026 – 27 Nov 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 110,000**
23 Nov 2026 – 27 Nov 2026	Accra	Classroom / 5d	**$4,000 USD / KES 110,000**
30 Nov 2026 – 4 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
30 Nov 2026 – 4 Dec 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
30 Nov 2026 – 4 Dec 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Autonomous Vehicles Regulation and Liability Management Training Course

Introduction

Autonomous Vehicles Regulation and Liability Management Training Course is designed to equip participants with the legal, regulatory, technical, and risk management expertise required to navigate the rapidly evolving autonomous mobility industry. As artificial intelligence (AI), machine learning, advanced driver assistance systems (ADAS), connected vehicle technologies, and self-driving capabilities transform the global automotive sector, new legal and regulatory challenges are emerging. These include vehicle safety certification, automated driving system (ADS) compliance, product liability, cybersecurity, data protection, ethical decision-making, insurance obligations, and accountability for accidents involving autonomous vehicles. This comprehensive programme explores the international regulatory frameworks, emerging legislation, road safety standards, and legal principles governing autonomous and connected vehicles. Participants will gain practical knowledge of autonomous vehicle legislation, AI-driven mobility governance, regulatory compliance, transportation safety, technology liability, and automated driving system certification.

The course further examines the complex liability relationships between vehicle manufacturers, software developers, technology providers, fleet operators, vehicle owners, insurers, and other stakeholders when autonomous systems cause accidents, injuries, property damage, or operational failures. It provides practical approaches to risk allocation, liability assessment, insurance frameworks, product safety obligations, accident investigation, evidence management, and dispute resolution. Participants will explore emerging issues surrounding algorithmic accountability, software defects, human-machine interaction, autonomous vehicle cybersecurity, cross-border transportation regulation, and the use of vehicle-generated data in legal proceedings. Through practical case studies, regulatory simulations, group discussions, and scenario-based exercises, participants will develop the competencies needed to manage legal exposure, strengthen compliance programmes, and establish effective governance frameworks for autonomous vehicle deployment. The programme is suitable for organizations seeking to responsibly adopt autonomous mobility technologies while protecting public safety, organizational interests, and legal accountability.

Course Duration

5 days

Course Objectives

By the end of this training course, participants will be able to:

- Understand international autonomous vehicle regulations, legislation, and emerging legal frameworks governing self-driving technologies.
- Interpret automated driving system (ADS) requirements and vehicle safety certification standards.
- Evaluate legal liability arising from autonomous vehicle accidents, system failures, and operational errors.
- Understand manufacturer liability, software developer responsibility, and technology provider obligations.
- Develop effective autonomous vehicle regulatory compliance and corporate governance frameworks.
- Assess product liability risks associated with AI-powered vehicles and automated driving technologies.
- Understand autonomous vehicle insurance models, compensation mechanisms, and emerging liability coverage requirements.
- Apply AI accountability, algorithmic transparency, and responsible innovation principles in autonomous mobility.
- Evaluate cybersecurity threats, software vulnerabilities, and data protection obligations affecting connected vehicles.
- Strengthen accident investigation, digital evidence preservation, and liability determination procedures.
- Understand human-machine interaction, driver responsibility, and shared-control liability challenges.
- Develop effective risk assessment, contractual risk allocation, and dispute resolution strategies.
- Anticipate emerging autonomous mobility trends and develop future-ready legal and regulatory management strategies.

Target Audience

- Government regulators, policymakers, and transportation authority officials.
- Legal practitioners, corporate lawyers, and insurance law specialists.
- Automotive manufacturers, vehicle importers, and mobility technology providers.
- Autonomous vehicle developers, AI engineers, and software technology professionals.
- Insurance companies, underwriters, claims managers, and risk assessment professionals.
- Transport operators, fleet managers, and mobility service providers.
- Corporate compliance officers, governance professionals, and risk managers.
- Road safety authorities, accident investigators, and transportation consultants.

Course Modules

Module 1: Introduction to Autonomous Vehicles and the Regulatory Landscape

- Fundamentals of autonomous vehicles and self-driving technologies.
- Levels of driving automation and SAE automation classifications.
- Overview of advanced driver assistance systems (ADAS).
- Global autonomous mobility markets and regulatory developments.
- Key stakeholders in the autonomous vehicle ecosystem.
- Case Study: Examining the deployment of autonomous ride-hailing vehicles in a major international city and identifying the regulatory requirements governing commercial operations.

Module 2: International Autonomous Vehicle Laws and Regulatory Frameworks

- Overview of international autonomous vehicle legislation.
- United Nations vehicle regulations and international harmonization.
- National transportation laws and autonomous vehicle authorization.
- Regulatory approaches in the European Union, United States, United Kingdom, and other jurisdictions.
- Cross-border regulatory compliance and legal recognition challenges.
- Case Study: Comparing autonomous vehicle regulatory approaches in the United States and European Union and assessing their implications for international automotive manufacturers.

Module 3: Autonomous Vehicle Safety Standards and Certification

- Automated driving system safety requirements.
- Vehicle testing, approval, and certification procedures.
- Functional safety and automotive safety engineering principles.
- Safety assurance cases and risk-based regulatory assessments.

- Monitoring, reporting, and management of vehicle safety incidents.
- Case Study: Evaluating the regulatory response to a self-driving vehicle that fails to recognize a road obstruction during public-road testing.

Module 4: Product Liability and Legal Responsibility

- Legal foundations of product liability in autonomous mobility.
- Manufacturer responsibility for defective autonomous vehicles.
- Software developer liability and algorithmic defects.
- Liability arising from hardware, sensors, and system malfunctions.
- Allocation of responsibility among manufacturers, suppliers, and operators.
- Case Study: A self-driving vehicle causes an accident following a software update.

Module 5: Autonomous Vehicle Insurance and Compensation Management

- Emerging autonomous vehicle insurance models.
- Third-party liability and compulsory motor insurance considerations.
- Insurance coverage for AI and automated driving failures.
- Claims assessment and accident compensation procedures.
- Risk transfer, indemnification, and insurance contract management.
- Case Study: Developing an insurance and compensation framework following a collision involving an autonomous taxi, another road user, and multiple potentially responsible technology providers.

Module 6: AI Governance, Data Protection and Cybersecurity Liability

- AI governance principles for autonomous transportation.
- Algorithmic accountability, transparency, and explainability.
- Vehicle-generated data ownership and access rights.
- Privacy, personal data protection, and connected vehicle compliance.
- Cybersecurity threats, software vulnerabilities, and liability exposure.
- Case Study: Investigating a cyberattack that remotely interferes with an autonomous vehicle fleet and examining the data protection, cybersecurity, and legal responsibilities of the service provider.

Module 7: Accident Investigation, Evidence Management and Dispute Resolution

- Autonomous vehicle accident investigation procedures.
- Event data recorders and vehicle telemetry analysis.
- Digital evidence preservation and chain of custody.
- Expert witnesses, technical assessments, and forensic investigations.
- Litigation, arbitration, mediation, and alternative dispute resolution.
- Case Study: Investigating a fatal autonomous vehicle collision using sensor records, software logs, vehicle telemetry, and eyewitness accounts to determine liability.

Module 8: Emerging Regulatory Challenges and Future Liability Management

- Legal implications of fully autonomous and driverless vehicles.
- Human-machine interaction and shared-control responsibility.
- Autonomous commercial fleets and mobility-as-a-service regulation.
- Cross-border autonomous mobility and international liability challenges.
- Future regulatory trends, compliance strategies, and responsible deployment.
- Case Study: Developing a regulatory and liability management framework for a proposed driverless public transportation service, addressing licensing, passenger safety, insurance, cybersecurity, and accident accountability.

Training Methodology

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.

• Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

• Hands-on practical delivery with real-world datasets, case studies, and lab exercises.

• Post-training mentorship, access to class resources, and customized follow-up support.

• Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/autonomous-vehicles-regulation-and-liability-management-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.