# SAAID LICENSING

## SAAID TEAM

# OUR TEAM

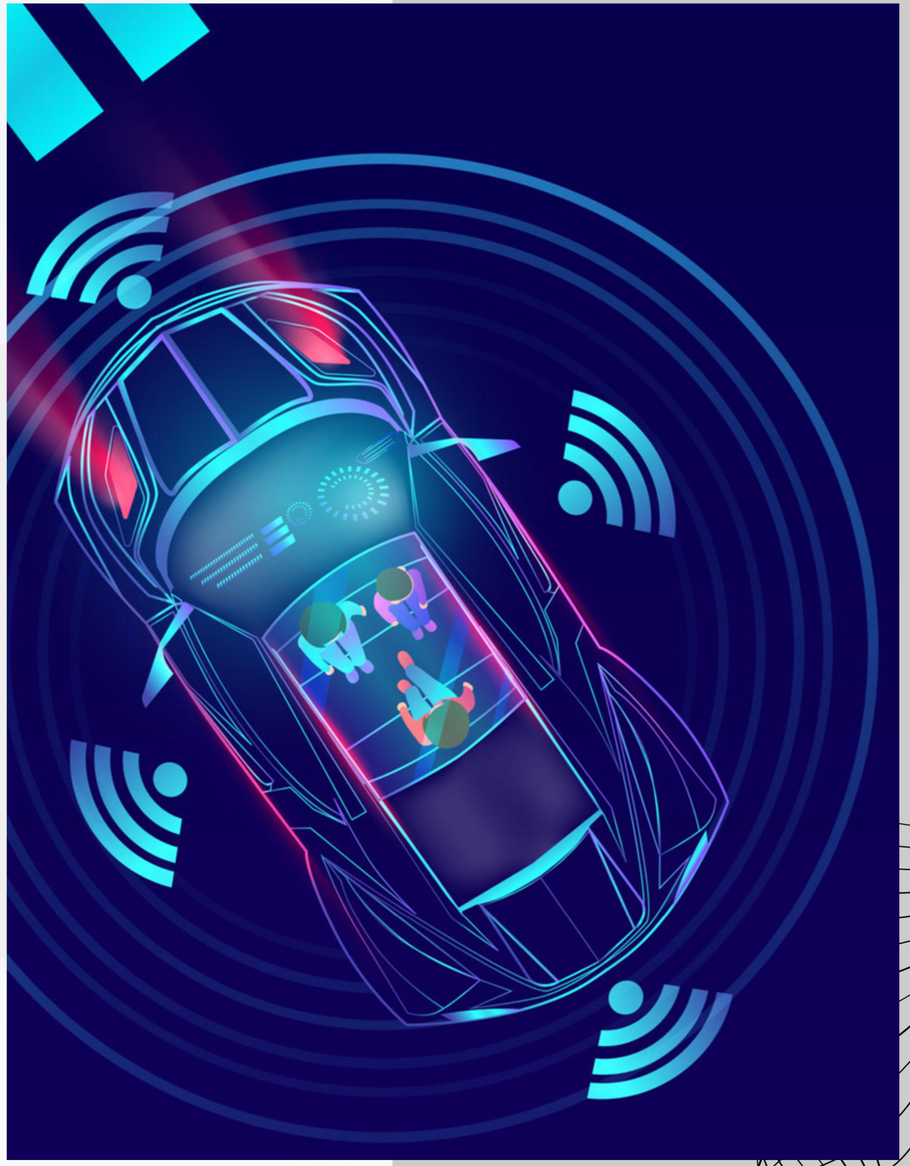
# OUTLINE

# INTRODUCTION

**Brief**: Revolutionizing driving education and road safety through innovative AI-powered solutions.

**Problem**: Current training methods fail to produce truly competent and safe drivers.

**Solution**: A three-phase, AI-driven learning and certification system.



# BRIEF

We are the Saudi Arabian Artificial Intelligence Driving (SAAID) institution, offering a comprehensive service centered on advanced driving training. Our mission is to fundamentally solve the problem of high accident and fatality rates. We provide driving training centers with cutting-edge, affordable Chinese vehicles equipped with high-quality sensors and a suite of AI-driven features.

# PROBLEM

The Problems SAAID Aims to Solve

- Outdated Training Methods: Current driver education methods are obsolete and fail to align with the safety goals and requirements of Vision 2030.
- Lack of Quality Tools: Existing training programs lack the necessary advanced technological tools (such as AI and high-quality sensors) to effectively prepare a new generation of skilled drivers.
- Practical Training Gap: A significant and dangerous gap exists in the level of comprehensive and practical training, which directly contributes to the high rate of road accidents and fatalities.
- Inadequate Real-World Preparation: Traditional methods do not sufficiently equip individuals to handle complex and unpredictable real-world scenarios, leaving them vulnerable on the road.
- Ethical & Transparency Challenge in Licensing (Nepotism & Undue Influence): The obtaining of licenses through "Wasta" (connections), nepotism, or undue influence, and the relaxing of testing requirements.This practice poses a direct threat to public safety by qualifying unskilled drivers and fundamentally undermines the genuine training process.

# SOLUTION

Our Solution at SAAID:

- Integrated System & Objective Evaluation: We offer a complete, AI-powered ecosystem that provides a comprehensive and safe learning experience, featuring objective and unbiased scoring that eliminates the need for subjective human intervention.
- AI-Refereed Vehicles: Our training vehicles are equipped with cutting-edge artificial intelligence, high-quality sensors, and autonomous driving capabilities for emergencies. These technologies act as an accurate and incorruptible referee to monitor and evaluate trainee performance.
- Automated & Transparent Training Stages: The training process consists of three core stages. Trainees must pass each stage with a fully automated, verifiable minimum score of 85%. To ensure zero tolerance for "Wasta" or undue influence, any failure requires a re-subscription and payment, guaranteeing that only qualified drivers proceed.
- Seamless Data Transfer for Licensing: Upon successfully completing all three automated stages, the trainee's verified success data is sent directly and electronically to the national platform (e.g., Abshar/relevant authority). This eliminates human involvement in the final qualification process, transferring the responsibility for the physical license issuance to the authorized governmental body.
- Goal: To ensure a fully integrated training journey that comprehensively qualifies the driver, guaranteeing complete integrity and transparency in the assessment process. This robust program is designed to replace traditional driving schools for initial driver's licenses.

# SUMMARY OF THE STAGES

## ENTER : SAAID LICENSING PROGRAM


### STEP 1: THEORETICAL EXAM

In this phase, users take an AI-powered theoretical exam on the "SAAIID" website to assess their knowledge of traffic laws. The system uses Machine Learning algorithms to select 100 questions from a database of 10,000, ensuring a precise and personalized evaluation before a trainee moves on to practical training.

### STEP 2: ON-TRACK TRAINING

After passing the exam, the trainee gets into an AI-equipped car on a closed track. The vehicle acts as the instructor, providing real-time voice guidance for basic maneuvers. It uses Computer Vision to accurately track the trainee's performance and provide objective feedback in a safe, controlled environment.

### STEP 3 : REAL-WORLD DRIVING

Here, the trainee moves to public roads. The AI system transitions into a safety co-pilot, providing instant alerts for potential hazards. In critical situations, the system can activate autonomous driving to prevent accidents. Upon successful completion of this phase, the trainee's data is automatically transferred and linked to the 'Absher' platform.

# STEP 1

## THEORETICAL EXAM

- **Concept:** In this initial phase, the user logs on to the "SAAID" website to take a virtual theoretical exam powered by artificial intelligence. The objective is to accurately assess their knowledge of traffic laws and road signs. The system processes a massive database of 3000 questions and intelligently selects a unique set of 100 questions for each user, ensuring a precise and unbiased evaluation. The user must achieve a passing score of 85% or higher to advance to the next phase.
- **Goal:** To accurately measure the user's theoretical knowledge before they begin practical training.
- **Technology:** This phase is built on high-efficiency AI and data science foundations. We use specialized algorithms to process and analyze the big data of our 3000-question repository, ensuring its integrity and structure. Crucially, intelligent Machine Learning Models act as a smart, objective evaluator, dynamically selecting the most challenging and relevant questions for each user to ensure a personalized and fair assessment. These powerful systems handle all complex computations instantly, guaranteeing the platform delivers fast, accurate results without delay.

# STEP 1

# THE TECHNICAL BACKBONE

- **Big Data Processing and Analysis:** We use specialized tools to organize the 3,000-question database. These tools cleanse the questions, categorize them by difficulty level, and identify topics where trainees frequently struggle. This process ensures our data is high-quality and ready for training the AI model.
- **AI Models for Smart Question Selection:** We employ advanced Machine Learning algorithms that function as an "Intelligent Evaluator." Instead of random selection, these models analyze past trainee performance to dynamically curate the most effective set of 100 questions. This guarantees the assessment is comprehensive, objective, and accurately measures knowledge rather than simply testing luck.
- **High-Efficiency Computational Engine:** This is the core foundation of the system, guaranteeing the speed and accuracy of all mathematical operations. It is responsible for calculating passing scores, performance percentages, and error averages at ultra-high speed. This ensures the delivery of instant and reliable results without any delays.