United Kingdom AI in Transportation Market, By Machine Learning Technology (Computer Vision, Context Awareness, Deep Learning, Natural Language Processing), By Process (Data Mining, Image Recognition, Signal Recognition), By Application (Autonomous Trucks, HMI in Trucks, Semi-Autonomous Trucks), By Offering (Hardware, Software), By Region, Competition Forecast & Opportunities, 2027

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Report description:

United Kingdom AI in transportation market is forecast to grow at brisk rate through 2027 on account of increasing road accidents and increasing awareness pertaining to safe driving. Adoption of technology to enhance performances of vehicle and traffic management systems gives better scope for the solution to the problem. Artificial intelligence is used in the form of innovative technology, services, software and hardware, that supports the growth of the United Kingdom AI in transportation market in the next five years.

Although operating cost of the artificial intelligence and integrated technology is high and may present as a challenge for the growing market, higher facilitation from the government and growing investments would help overcoming the restraints and add to the future growth of the United Kingdom AI in transportation market in the future five years. Additionally, factors like increasing vehicle sales and thus data management, government announced safety norms are some of the major factors supporting the growth of the United Kingdom AI in transportation market in the forecast years.

The United Kingdom AI in transportation market is segmented by machine learning technology, process, application, offering, competitional landscape, and regional distribution. Based on machine learning technology, the market is further segmented into computer vision, context awareness, deep learning, and natural language processing. Deep learning technology may hold the

largest revenue shares of the market and dominate the market segment in the upcoming five years on grounds of its expanded applications in development of autonomous vehicles. Growing investments in the development of self-driving vehicles, also enhances the demand for deep learning technology thereby adding to the segmental growth.
Daimler AG, Robert Bosch GmbH, Intel Corporation, Continental AG, The Volvo Group, ZF Friedrichshafen AG, Magna International Inc., Valeo, Nvidia Corporation, Scania AB, among others is a partial list of major market players responsible for the growth of United Kingdom AI in transportation market.
Years considered for this report:
Historical Years: 2017-2020
Base Year: 2021
Estimated Year: 2022E
Forecast Period: 2023F-2027F
Objective of the Study:
-To analyze the historical growth in the market size of the United Kingdom AI in transportation market from 2017 to 2021.
-To estimate and forecast the market size of United Kingdom AI in transportation market from 2022E to 2027F and growth rate until 2027F.
-To classify and forecast the United Kingdom AI in transportation market based on machine learning technology, process, application, offering, region, and company.
-To identify the dominant region or segment in the United Kingdom AI in transportation market.
-To identify drivers and challenges for the United Kingdom AI in transportation market.
-To examine competitive developments such as expansions, new services, mergers & acquisitions, etc., in the United Kingdom AI in transportation market.
-To identify and analyze the profiles of leading players operating in the United Kingdom AI in transportation market.
-To identify key sustainable strategies adopted by market players in United Kingdom AI in transportation market.
TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of service provider across the country. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research could include the service providers who could not be identified due to the limitations of secondary research. TechSci Research analyzed the service provider and presence of all major players across the country.
TechSci Research calculated the market size of the United Kingdom AI in transportation market using a top-down approach, wherein data for various end-user segments was recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated through analyzing historical data of these services for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.
Key Target Audience:
-AI in transportation service providers
-Market research and consulting firms
-Government bodies such as regulating authorities and policy makers
-Organizations, forums, and alliances related to AI in transportation
The study is useful in providing answers to several critical questions that are important for the industry stakeholders such as service providers, vendor and partners, end users, etc., besides allowing them in strategizing investments and capitalizing on market opportunities.
Report Scope:
In this report, United Kingdom AI in transportation market has been segmented into following categories, in addition to the industry trends which have also been detailed below:
-United Kingdom AI in Transportation Market, By Machine Learning Technology:
o Computer Vision
o Context Awareness

o Deep Learning
o Natural Language Processing
- United Kingdom AI in Transportation Market, By Process:
o Data Mining
o Image Recognition
o Signal Recognition
- United Kingdom AI in Transportation Market, By Application:
o Autonomous Trucks
o HMI in Trucks
o Semi-Autonomous Trucks
- United Kingdom AI in Transportation Market, By Offering:
o Hardware
o Software
- United Kingdom AI in Transportation Market, By Region:
o London
o East Anglia
o Southwest
o Southeast
o Scotland
o East Midlands
o Yorkshire & Humberside
Competitive Landscape
Company Profiles: Detailed analysis of the major companies present in United Kingdom AI in transportation market.
Available Customizations:
With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:
Company Information
- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

15.10. Scania AB
16. Strategic Recommendations
(Note: The companies list can be customized based on the client requirements.)

United Kingdom AI in Transportation Market, By Machine Learning Technology (Computer Vision, Context Awareness, Deep Learning, Natural Language Processing), By Process (Data Mining, Image Recognition, Signal Recognition), By Application (Autonomous Trucks, HMI in Trucks, Semi-Autonomous Trucks), By Offering (Hardware, Software), By Region, Competition Forecast & Opportunities, 2027

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