



TOPICS IN SMART CITY

Fundamental and Applications

Intelligent Robotic

- Delivery Robot
- Disinfection Robot
- Cleaning Robot
- Customized
- Sales and Marketing
- Maintenance and Support
- Technology transfer/Training
- Partnership

Geospatial (GIS)

- Technology R&D and Application
- Dashboard/Platform Development
- Database/Big Data and Integration
- Experience Gallery/Command Center



Urban Farming

- Hydroponic system
- Monitoring system
- AI and IoT Development
- Sales and Marketing

Smart City

- Event showcase
- Partnership/Consortium collaboration
- Product Talk/Technology sharing/Consultancy
- Grant,Tender and paperwork
- Course/Knowledge gathering



Research and Development

- R&D matching grants
- AI, Robotic, IoT and Smart City components
- Collaboration and partnership
- Technology/Service provider

Training and Consultancy

- Industrial panel jury (Expo/FYP/Competition)
- Digital-Entrepreneurship
- Internship programme/Talent Development
- University-Industry visit
- Corporate Sosial Responsibilites (CSR)
- Environmental, Social, and Governance (ESG)
- Knowledge Sharing/Consultancy

STEM Education (STREAMLAB 4.0)

- Robotic Arm (Dobot)
- Humanoid (LEJU Aelos)
- 3D Printing & 3D Modelling Software
- Augmented Reality (AR)
- Laser Engraving
- DIY Mini Projects
- Computer Vision (AI)
- Automation
- Programming (Java,Phyton,ROS,Block)
- Hardware (Arduino, Raspberry, ESP32..)
- Training and Sharing Knowledge

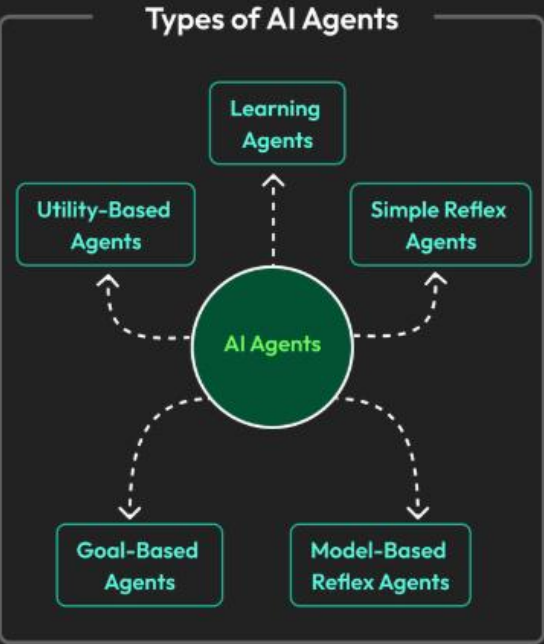
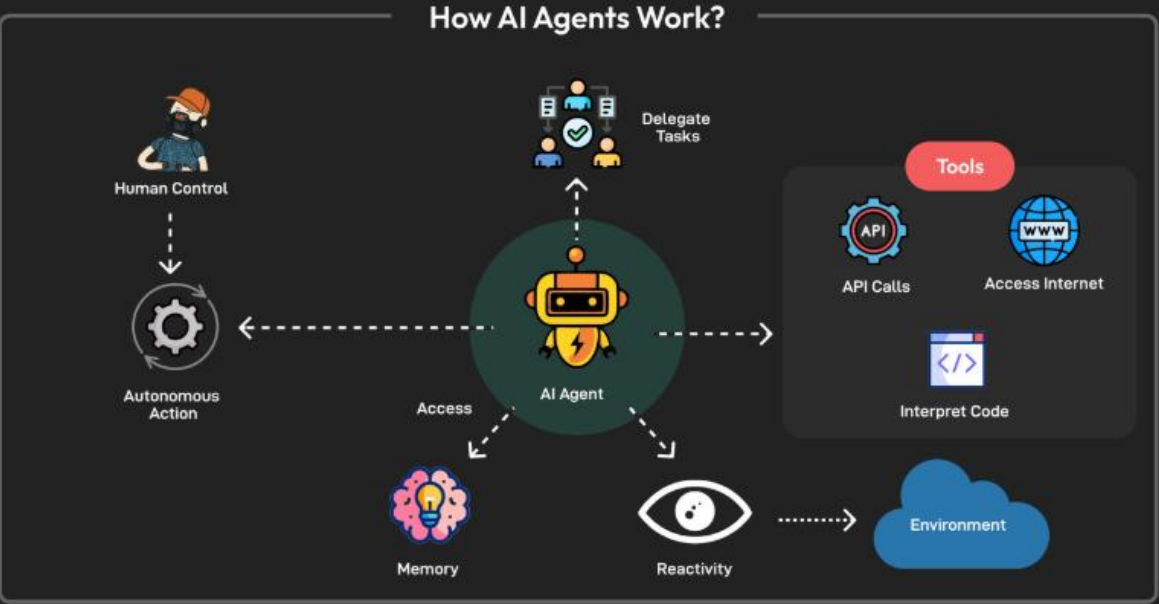


SHARING is CARING

CTSB	Name	Topic
JB	Ts. Yusuf	What is An AI Agent
KL	Faizul	Seeing the Future: How AI Vision Empowers Government for a Better Tomorrow
KT	Aqilah	Dashboard are for everyone
KT	Syafiqah	Edge Computing in Smart Cities

What is an AI Agent?

source:  ByteByteGo



Seeing the Future:

How AI Vision Empowers Government for a Better Tomorrow

What is AI Computer Vision?

Computers that "see" and understand images/videos, recognizing objects, people, and actions. It's about extracting meaningful information from visuals.

How Government Benefits

Smarter Public Safety

- Faster Emergency Response
- Enhanced Security
- Traffic Management

Efficient Urban Planning & Infrastructure Public Safety

- Monitoring Infrastructure
- Waste Management
- Urban Greenery

Improved Public Services

- Environmental Protection
- Disaster Response
- Accessibility

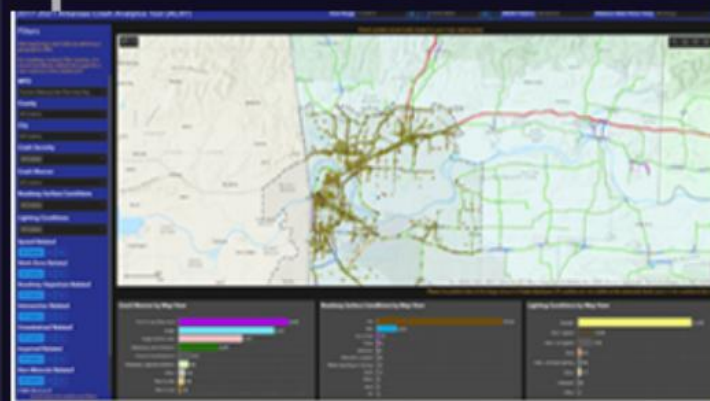
Why This Matters to You:

AI computer vision helps governments serve citizens better, making our communities safer, more efficient, and sustainable. It's using technology to improve daily life and build a smarter world.

Dashboards are for everyone

▶ A dashboard for everyone is a user-friendly visual interface that presents key information, data, and metrics in a clear and accessible way, tailored to various users regardless of their technical skills. It helps individuals quickly understand trends, monitor performance, and make informed decisions by displaying charts, graphs, and summaries from different data sources—all in one place

Strategic



Strategic dashboards help executives track key performance indicators (KPIs) and make strategic decisions by evaluating performance based on their organization's goals.

Operational

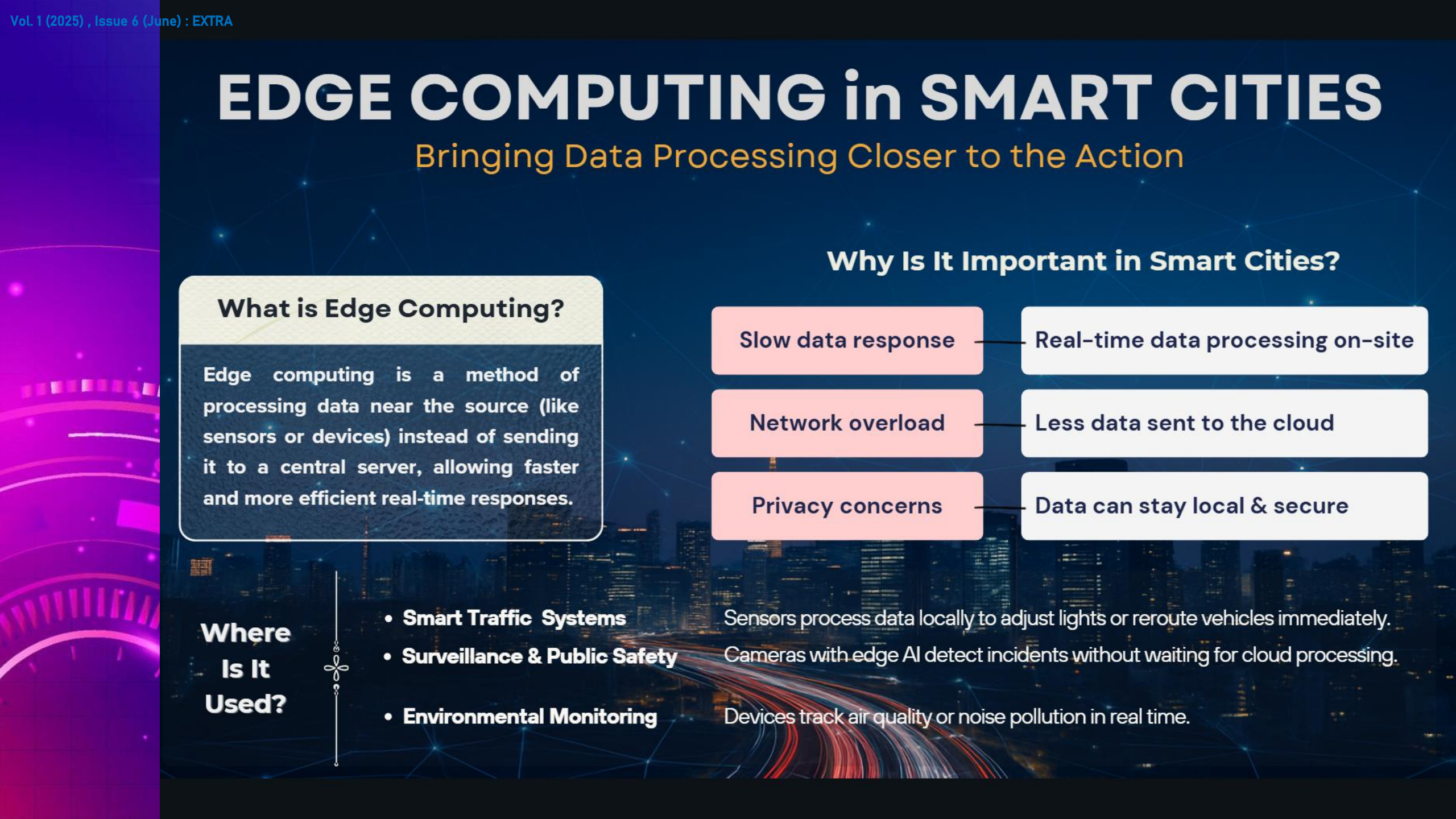


Operational dashboards help operations staff understand events, projects, or assets by monitoring their status in real time.

Informational



Informational dashboards help organizations inform and engage their audiences through community outreach.



EDGE COMPUTING in SMART CITIES

Bringing Data Processing Closer to the Action

Why Is It Important in Smart Cities?

What is Edge Computing?

Edge computing is a method of processing data near the source (like sensors or devices) instead of sending it to a central server, allowing faster and more efficient real-time responses.

Slow data response

Real-time data processing on-site

Network overload

Less data sent to the cloud

Privacy concerns

Data can stay local & secure

Where Is It Used?

- **Smart Traffic Systems**
- **Surveillance & Public Safety**
- **Environmental Monitoring**

Sensors process data locally to adjust lights or reroute vehicles immediately.

Cameras with edge AI detect incidents without waiting for cloud processing.

Devices track air quality or noise pollution in real time.



CYBER ROBOTICS



Kuala Lumpur

15 & 16, 2nd Floor Resource Centre,
IIC, Technology Park Malaysia,
Lebuhraya Puchong-Sg. Besi, Bukit
Jalil, 57000 Kuala Lumpur

☎ + 6019- 321 6866



Johor Bahru

Level 8 & Level 30,
Menara MSC Cyberport,
No. 5, Jalan Bukit Meldrum, 80300
Johor Bahru,
Johor Darul Ta'zim, Malaysia

☎ + 607-276 1251
☎ + 607-278 1251 (Fax)



Kuantan

Level 6H, Level 6 Menara Zenith,
Jalan Putra Square 6, 25200, Kuantan,
Pahang

☎ + 609-9531 6008



Terengganu

Pusat Sains & Kreativiti Terengganu
(Kamar Ar-Rayyan) Kampung Laut
Chendering, 21080 Kuala
Terengganu, Terengganu

☎ + 6019-321 6866



Sarawak

Private Suite 5, Ground Floor, Block B,
TEGAS DIGITAL VILLAGE, Sama Jaya
High Tech Park, 93350 Kuching,
Sarawak

☎ + 6010 564 8700



Indonesia International

Jl. Ring Road Utara Ngringin,
Condongcatur, Kec. Depok,
Kabupaten Sleman, Daerah Istimewa
Yogyakarta 55283, Indonesia