New Ocean
Information System

DATA SCIENCE AS A SERVICES

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Overview

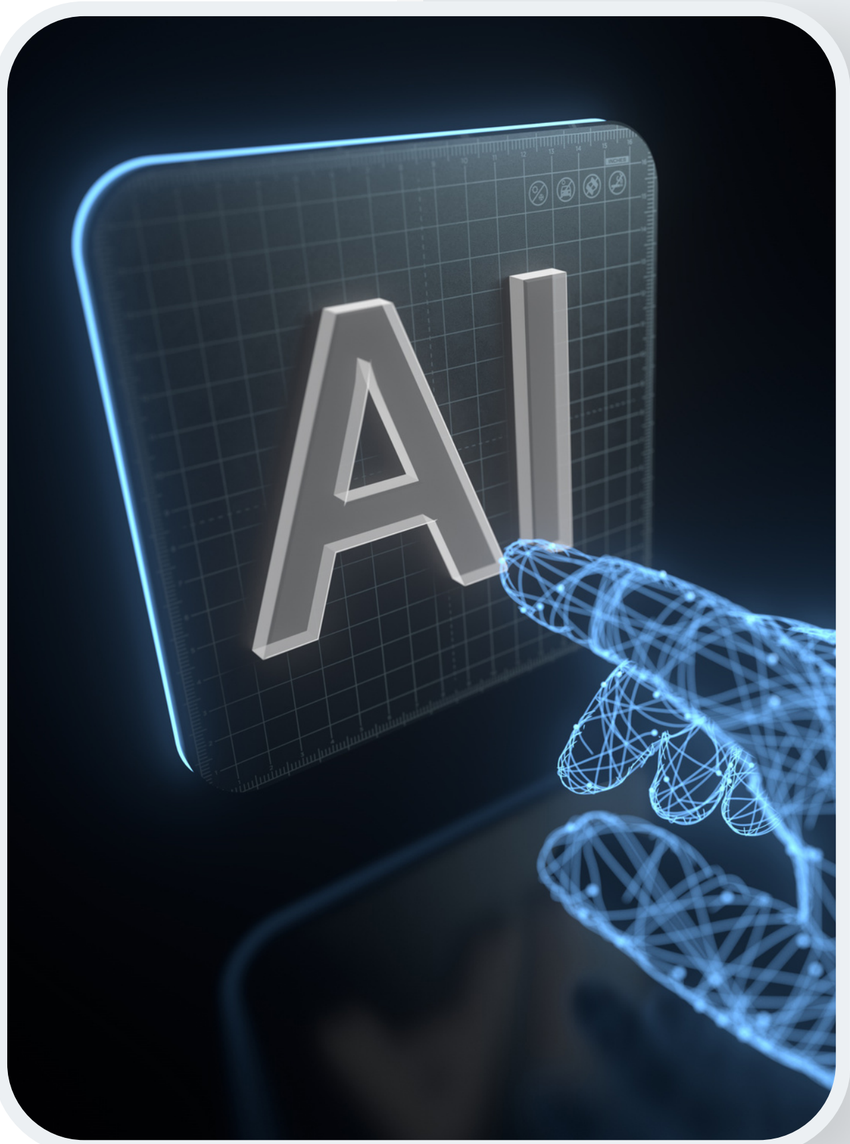
In the dynamic business landscape, companies without robust Data Analytics (DA) or Data Science (DS) infrastructure face challenges such as:

Decision-Making Constraints:
Fast decisions rely on incomplete information without data-driven insights.

Marketing Ineffectiveness:
Achieving effective campaigns targeting the right customers is difficult without data science.

Risk of Cost Escalation and Inefficiency:
Cost reduction, work effectiveness, and innovation are at risk without actionable insights and AI support.

And more.



This underscores the critical need for businesses to embrace data-driven strategies and AI to stay competitive, make informed decisions, and drive innovation.

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BENEFITS

With over a decade of hands-on experience in diverse data projects, we deliver:

Instant Access to Expertise:
Gain immediate access to our data science and data analyst experts.

Cost-Efficiency:
Harness the power of cutting-edge cloud and on-premise technologies for cost-optimized solutions.
Save significantly on resources by eliminating the need for expensive hardware or an in-house data team.

Shorten Time-to-Market:
Leverage our experience to provide swift and effective solutions.
Extract actionable insights promptly, facilitating faster decision-making and reducing production time.

And More:
Explore additional benefits tailored to meet your specific needs and objectives.

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TECHNICAL SOLUTIONS

Experience a versatile array of services and customization options tailored to elevate your data capabilities.
Explore our extensive service offerings, including:

DATA VIRTUALIZATION

Seamlessly integrate and access your data.

DATA ANALYTICS

Uncover valuable insights through in-depth data analysis.

ARTIFICIAL INTELLIGENCE (AI) SOLUTIONS

Leverage cutting-edge AI, including NLP, Computer Vision, prediction, and more.

FLEXIBLE DEPLOYMENT

Choose between Cloud or On-Premise options based on your preferences.

MULTILINGUAL EXPERTISE

Work with various programming languages such as Python, R, SQL, or JSL, etc.

ADAPTABLE WORKING MODES

Option for on-site collaboration or a 100% remote setup to align with your workflow.

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EXPERIENCE

USE CASES

Our expertise spans across multiple sectors, including banking, healthcare, retail, insurance, housing, and more. Each project reflects our commitment to innovation and efficiency in addressing unique challenges

We've successfully delivered diverse projects, including:

Developed an AI virtual assistant proficient in addressing a broad spectrum of topics and automating various daily tasks such as **HR-related work, PO monitoring, tool status updates, warehouse space management, and new hire training support.**

Implemented a **comprehensive and cost-effective ETL data system**, seamlessly processing raw data into valuable insights for a retail company.

Established a **fully automated system and streamlined processes** for online data collection, classification, comparison, and storage for a hotel supplier company.

And more...

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PROOF & STATISTICS

Improved Efficiency with AI Virtual Assistant:

Our tailored solutions for a housing community customer consistently deliver remarkable results, **reducing manual effort by an impressive 80%.**

The implementation of our system and new processes has brought about a revolutionary change for a hotel supplier company, **achieving a remarkable 100% automation** of their entire previous workflow.

Thanks to our cutting-edge AI virtual assistant, the time required for tasks like item searching has seen a **remarkable 90% reduction.**

The laborious manual search across multiple data fields is now replaced by seamless natural language conversations with our AI Virtual Assistant

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ROADMAP

Consulting

1 - X weeks
Define project scope and objectives
High level design
Project planning
Cost and timeline estimation
Proof of concept demonstration

Development

1 - X weeks
Environment setup
Detailed design
Development
Code reviews
Documentation

Deployment

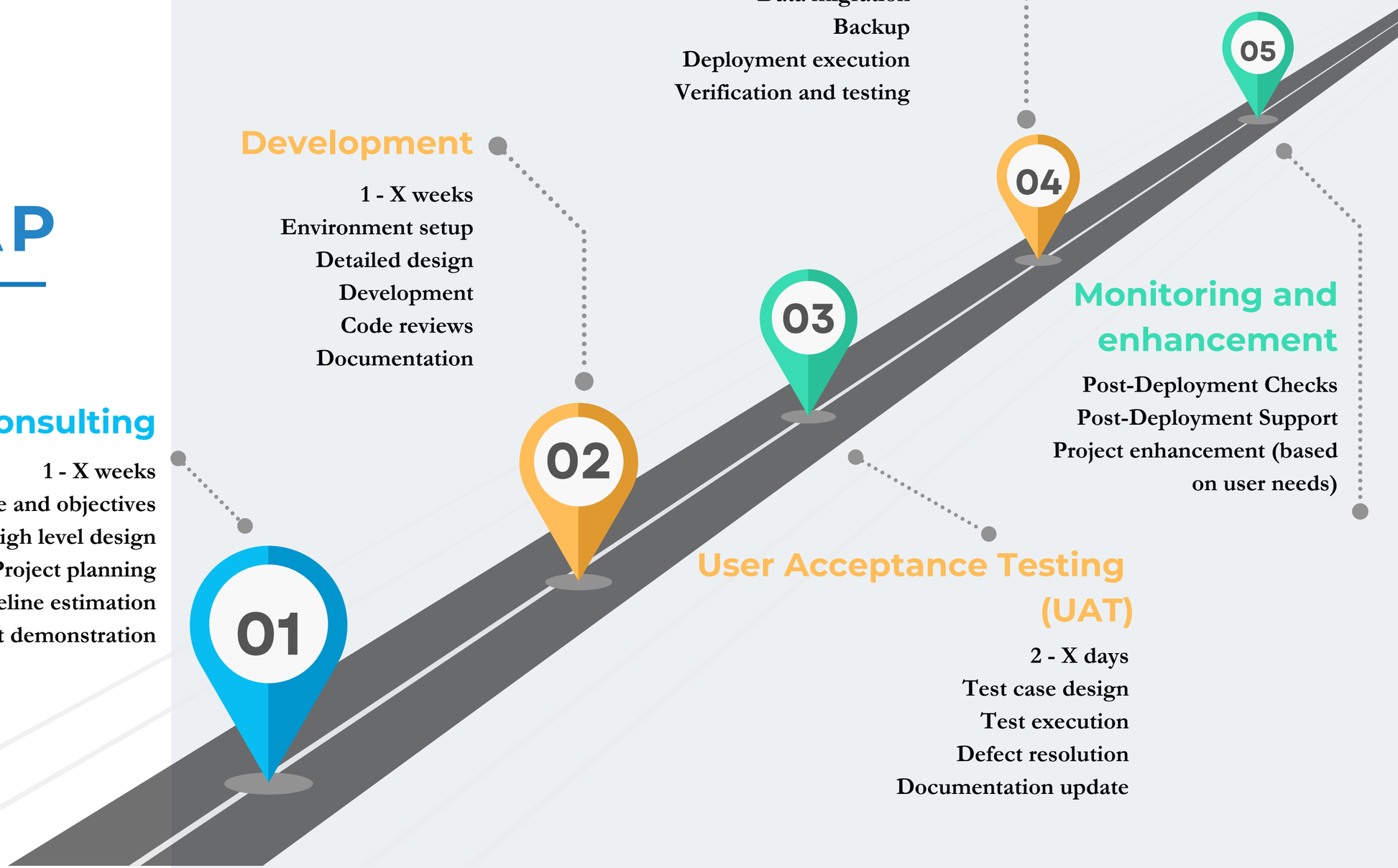
1 - 5 days
Environment preparation
Data migration
Backup
Deployment execution
Verification and testing

User Acceptance Testing (UAT)

2 - X days
Test case design
Test execution
Defect resolution
Documentation update

Monitoring and enhancement

Post-Deployment Checks
Post-Deployment Support
Project enhancement (based on user needs)



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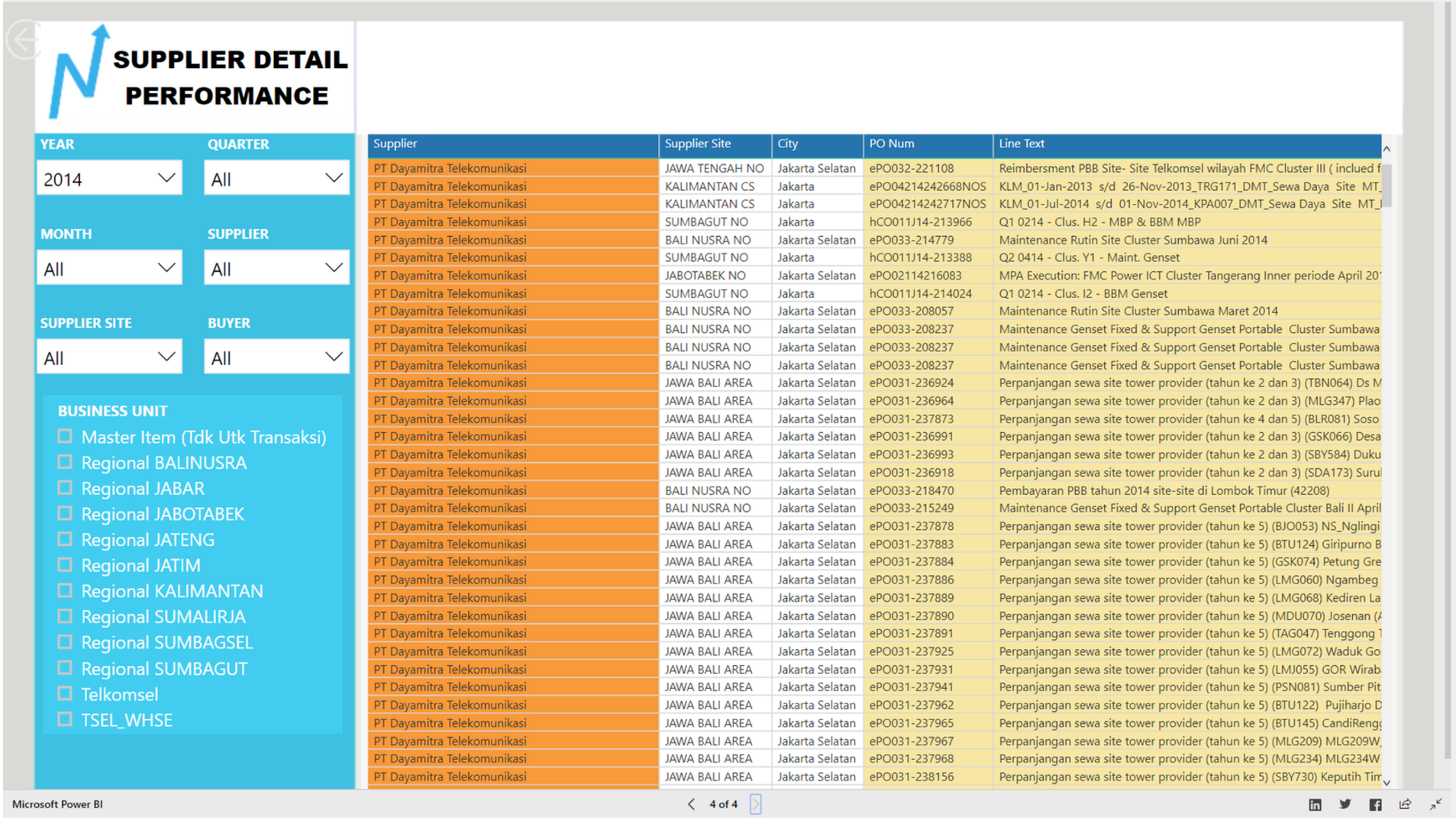
AT A GLANCE



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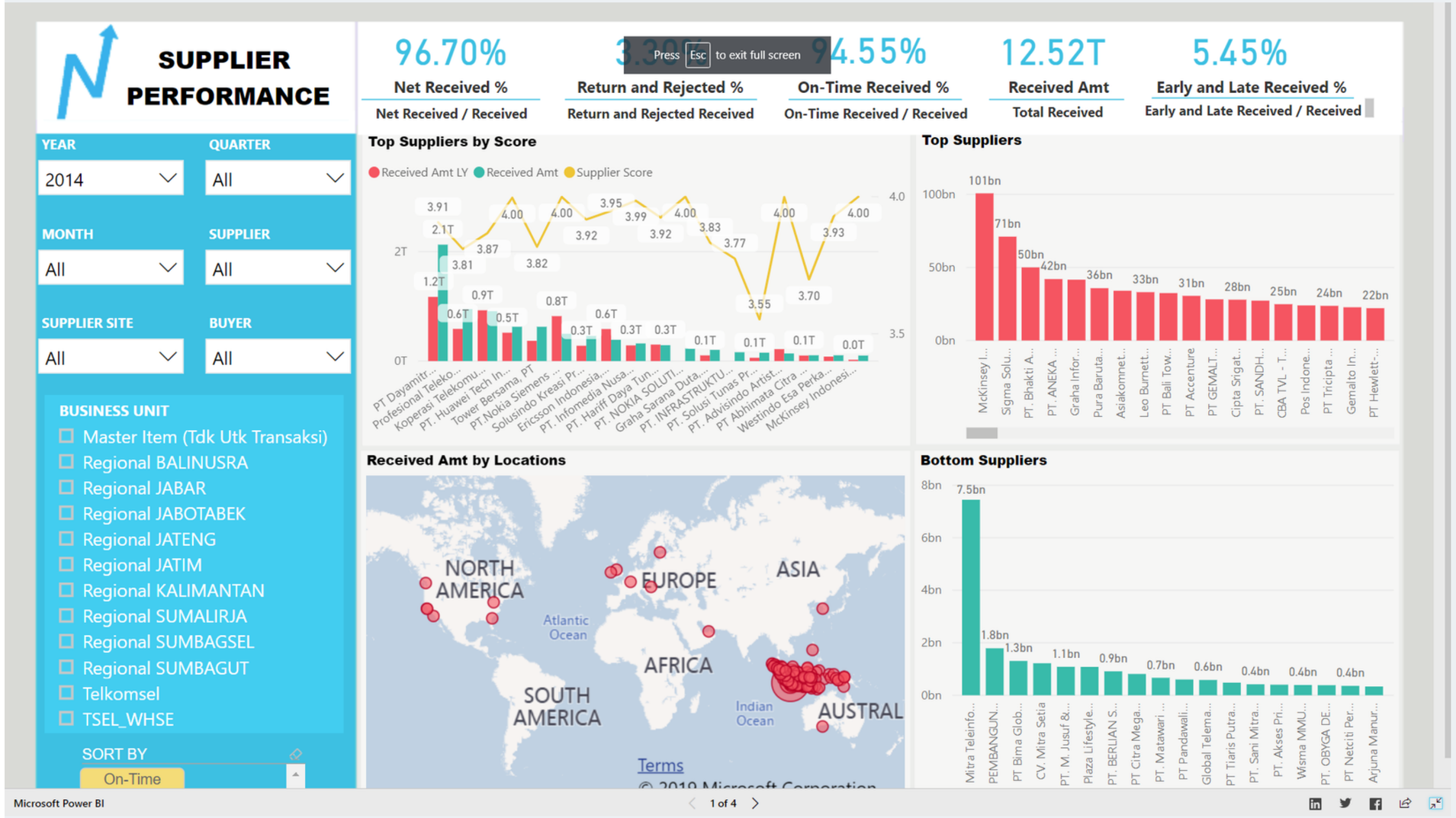

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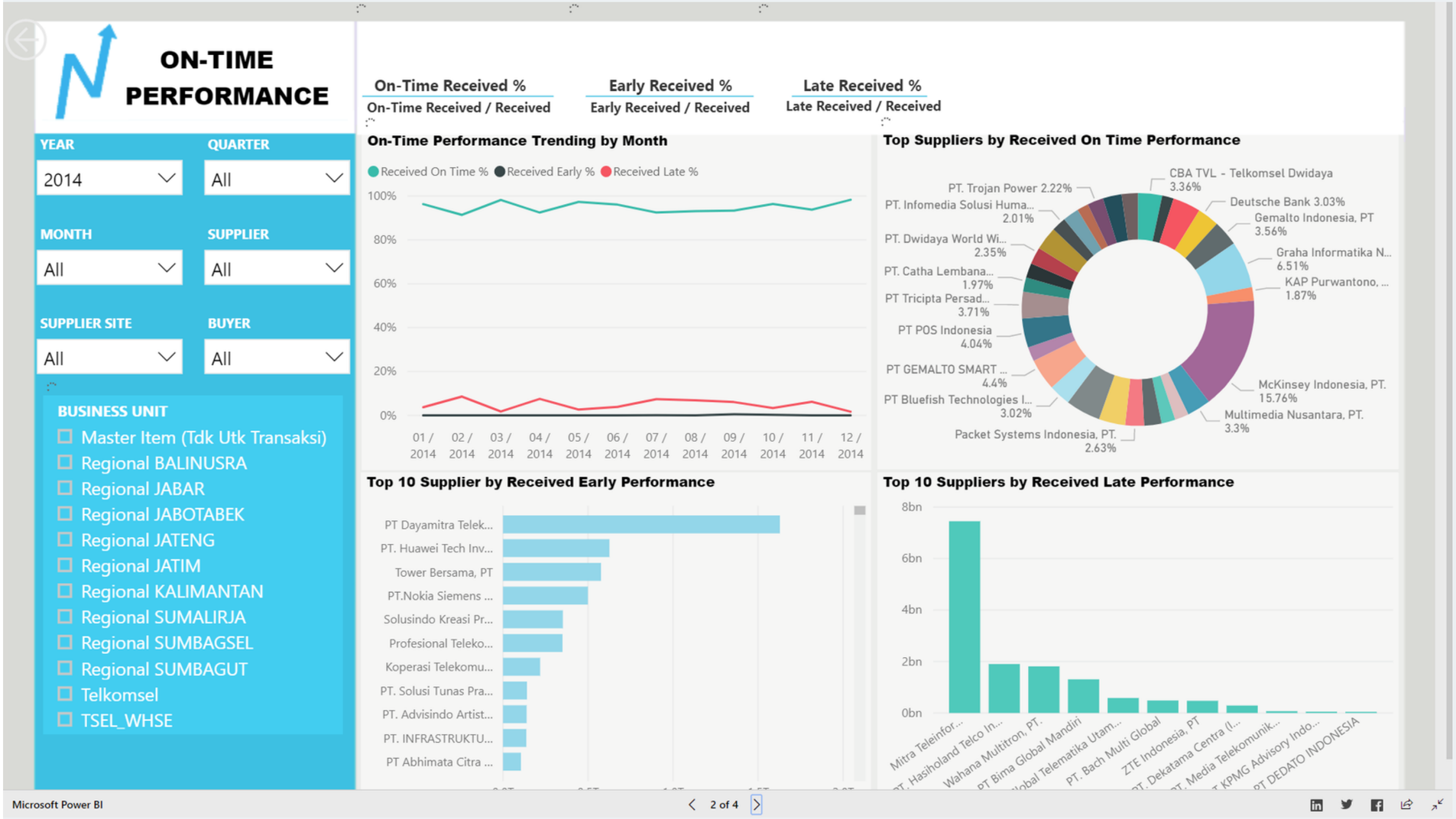

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AT A GLANCE

DSaaS help your business

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1. **Expertise Access** — DSaaS gives businesses access to a skilled team of data scientists with deep knowledge and expertise
2. **Flexibility and Scalability** — Provides flexibility to adjust resources according to business needs.
3. **Faster Time-to-Market** — DSaaS speeds up data science solution development, ensuring faster time-to-market for new products or features.
4. **Cost Savings** — Reduced Infrastructure Costs
   Flexible Pricing Models
5. **Risk Mitigation** — Eliminates the need for significant investments in infrastructure and dedicated data science personnel.

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Use Cases

The Data Science as a Service (DSaaS) model presents numerous potential use cases across **diverse business domains, automating data analysis processes and deploying machine learning models rapidly.**

DSaaS offers significant benefits for use cases such as:

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- Computer Vision
- Constructing AI Virtual Assistant
- Business Forecasting
- Potential Customer Database Construction
- Customer Behavior Analysis
- Process Optimization
- Predictive Maintenance

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Get in touch if you would like to discuss how New Ocean IS can assist you with your technology journey.

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