



Data Tech Modernization

Zensar's Data Tech Modernization is a powerful tool that can help businesses modernize their legacy systems (code, ETL pipelines, objects, etc.). By leveraging advanced AI and cloud services, it automatically converts code from one system to another, enabling organizations to overcome challenges associated with maintaining outdated code. With this tool, businesses can efficiently migrate legacy code and improve its maintainability.



Need for this offering

Organizations face major challenges in maintaining legacy code written in outdated programming languages or systems. This legacy code can hinder development efforts, increase costs, and limit the ability to adopt new technologies. Our tool

addresses these issues by providing a comprehensive and efficient solution for code modernization. By using Data Tech Modernization, businesses can unlock the potential of their legacy code, streamline operations, and drive innovation.



Features

- **Code conversion:** Efficiently converts code between different programming languages and systems while preserving functionality and code quality
- **Best code recommendations:** Provides codes that adhere to best practices, including proper error handling, security measures, and more
- **Code refactoring and dependency management:** Effectively handles dependencies on libraries and frameworks, ensuring correct code functionality in new environments, along with enhanced readability, maintainability, and performance
- **Integration with systems:** Seamlessly integrates with existing tools, frameworks, and workflows, ensuring no broken links or dependencies



Key differentiators

- Offers a holistic solution for code modernization, addressing various aspects such as code conversion, refactoring, and dependency management
- Leverages advanced gen AI algorithms to analyze and convert code, ensuring high-quality results accurately
- Works seamlessly with existing tools and frameworks, minimizing disruptions and ensuring a smooth transition to modernized systems



Benefits

- Streamlines development processes by automatically converting legacy code to modern languages or systems
- Enhances agility in terms of readability, maintainability, and performance by ensuring codes adhere to best practices
- Minimizes disruptions by working seamlessly with existing tools and frameworks

- Reduces development time and risk management costs by providing a cost-effective way to modernize legacy systems



Use cases

- **Quality assurance:** Generates test cases and documentation to ensure testing and quality assurance compliance with regulatory requirements and industry standards
- **Knowledge transfer:** Manages and shares code repositories, documentation, and best practices, facilitating knowledge transfer between teams and projects
- **Project management:** Creates documentation, such as requirements, specifications, and tests, to improve understanding and code maintainability

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