

Simplifying work for developers with IBM Granite models

Meet Linda, a software developer at a tech company that supports large-scale enterprise businesses with software solutions.

Linda's new assignment is to create a cybersecurity application. To do this, Linda needs to learn a new programming language

Although Linda is familiar with other programming languages, learning this new programming language is challenging because of its detailed syntax requirements.

With a tight schedule, Linda also struggles to balance quality with speed, which affects Linda's productivity and confidence.

Lucas, her colleague, notices that Linda is struggling. So, Lucas suggests that Linda try a generative AI tool that will help write code quickly in the new language, identify errors and bugs, and improve code quality.

At first, Linda hesitates, wondering if a generative AI model will really make any difference. After some thought, Linda decides to try IBM Granite models.

IBM Granite models are specialized large language models, designed to generate human language, such as English or French, and programming languages, such as Python or JavaScript.

Granite models are adept at code generation, the process of automatically creating code based on specific instructions or requirements.

Granite models also perform other code-related tasks, such as fixing bugs, explaining code, and documenting code. With training on code from 116 programming languages, IBM Granite produces precise, syntactically correct code for almost any programming needs. ,

Hesitation turns into excitement when Linda starts using a Granite model. ,

Linda notices how effortlessly the Granite model translates plain language into functional code, making the coding process smoother and faster. The Granite model also reviews Linda's code, ensuring everything works perfectly.

Granite models enable Linda to be a more efficient, productive, and confident software developer.

With IBM Granite models, software developers like Linda can streamline their workflows, take on new challenges with confidence, and focus on building innovative solutions!