

Introduction to Artificial Intelligence

3rd Webinar

September 18th, 2023



UNIVERSITY
OF LATVIA

LIKTA
LATVIAN INFORMATION
AND COMMUNICATIONS TECHNOLOGY
ASSOCIATION

Powered by



Microsoft

Lithuanian GitHub repository

- In Lithuanian.
- The presentations of Lithuanian and English comments under them.
- PowerPoint presentations and PDF of the presentation.
- Additional material in either Lithuanian or English.
- Graphics.



Repo: <https://github.com/aurimas13/Pazink-Dirbtini-Intelekta/tree/main>



Azure Machine Learning Designer

Machine Learning Designer is

A new tool that incorporates AI to make it easy for anyone to create stunning designs, providing pre-made templates and prompts to get started quickly.

Leveraging Azure Designer

Generate and customize Instagram posts with various styles and sizes, including square, landscape, and portrait options, by adding or generating images using Microsoft Designer, and even adding motion to selected images.

Generate an Instagram post with different styles and sizes, including square, landscape, and portrait options, and the ability to add or generate an image.

Generate and insert custom images into designs using Microsoft Designer by clicking on the "generate image" button, pasting a prompt, and selecting a style.

Exploring the Features of Microsoft Designer

- Click on "customize design" to access the main designer area where you can explore and choose different layouts, templates, and options for your design in Microsoft Designer. Collapse
- Click on "customize design" to access the main designer area where you can explore and choose different layouts for your design.
- You can use Microsoft Designer to undo, play, zoom, and choose templates for your design, including ones related to upcoming holidays or specific themes like skiing.

Media and Design Harmony

- Easily add media from various sources and use the designer tool to recommend relevant images, then customize elements like the Gauntlet by dragging, rotating, changing colors, and finding matching colors with the "inspire me" feature. You can easily add media such as photos, graphics, and videos from various sources, including your device, Google Drive, Dropbox, and OneDrive, and the designer tool also recommends relevant images based on the content of your page.
- Choose the black Gauntlet, drag it to the bottom right of the page, rotate it, change the color to blue using the eyedropper, and use the "inspire me" feature to find matching colors.

Mastering the Art with Azure ML Designer

- Easily customize images and text in Microsoft Designer, including layering, opacity, fonts, colors, sizes, alignment, and AI-generated suggestions.
- You can easily change the layering and opacity of images, as well as experiment with various text options in Microsoft Designer.
- Click on the font and color options to choose different fonts and colors, including recently used ones, and use the inspire me feature to get AI-generated suggestions; you can also change the font size, alignment, and other design elements.

Empowering Digital Creators

- Microsoft Designer allows you to access the brand kit, create designs, and share them in various formats, while also generating captions and hashtags for social media platforms.
- Access the brand kit to save and reuse fonts and colors, create new designs, and share them by downloading as PNG, JPEG, or PDF, making the background transparent, removing the watermark, sending it to your phone, or copying as an image.
- You can use Microsoft Designer to automatically generate captions and hashtags for social media platforms like Twitter, LinkedIn, Instagram, and Facebook, saving you time and making your content more inclusive.

Harnessing the Power of Azure ML Designer

Machine Learning Designer is a user-friendly tool that allows users to easily build, test, and deploy machine learning models using a drag and drop visual interface.

The Azure Machine Learning Designer is a drag and drop visual interface for building, testing, and deploying production-ready models with low code or no code, featuring new layouts, algorithms, and improved debugging and troubleshooting experiences.

The homepage of Azure Machine Learning Designer offers various examples for building machine learning models, including image classification, recommendation, and linear regression, and allows users to use custom Python scripts; this video demonstrates how to use the DenseNet model for simple image classification.

The Designer creates a machine learning pipeline that runs nodes in parallel and series based on the orchestrator's decisions.

The training time depends on the data, volume, and compute target, and in Azure Machine Learning Designer, you can drag and drop datasets and modules for various tasks like data transformation, feature selection, and machine learning algorithms.

A Seamless Journey from Data to Deployment

Microsoft Designer allows users to download designs, access existing designs, and browse templates on create.microsoft.com with special integration, offering a wide range of categories and examples to customize and explore.

Recording Time

Azure Machine Learning Designer allows users to implement machine learning workloads without coding by using a drag and drop interface, and it provides various tools and features to create, train, and evaluate machine learning models.

Designer

Allows users to implement machine learning workloads without coding by using a drag and drop interface, and it provides various tools and features to create, train, and evaluate machine learning models.

Video: <https://www.youtube.com/watch?v=7k898XlQt98>

Summary of the video in comments under PowerPoint presentation.