ARIA
APPLIED RESEARCH IN ACTION

Visual Blocks for ML

A Visual Programming Framework for Prototyping Machine Learning-based Application Pipelinest

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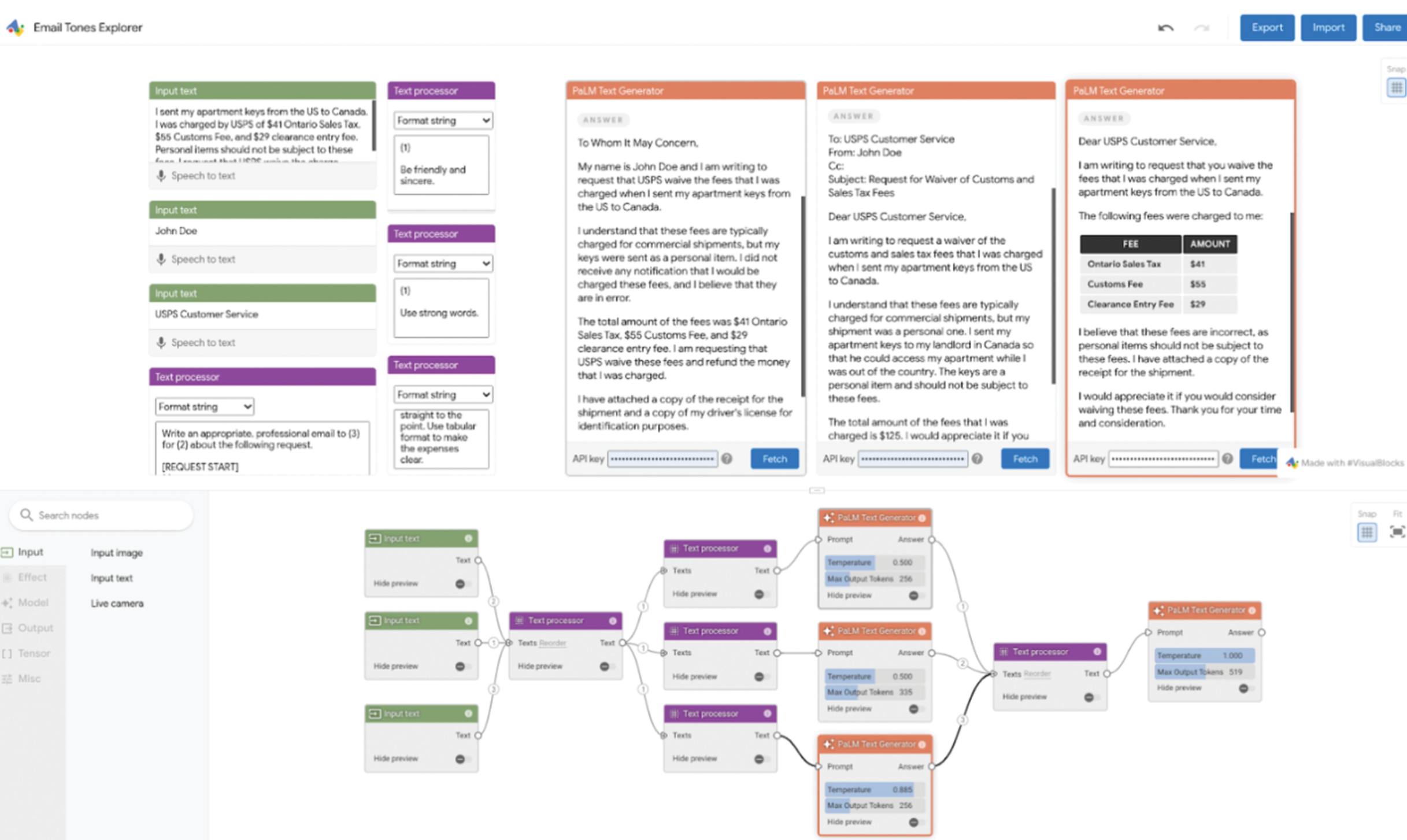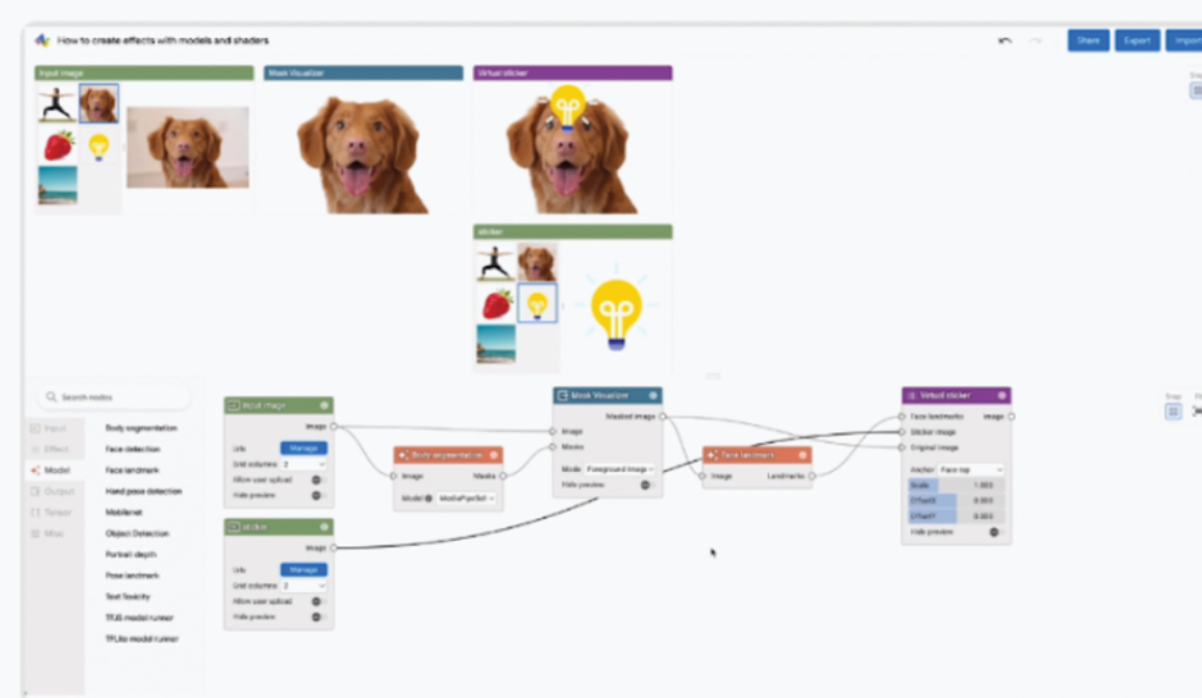
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PROJECT SUMMARY

We demonstrate Visual Blocks for ML, a visual programming platform that facilitates rapid prototyping of ML-based multimedia applications. As the public version of RapsAI, we further integrated large language models and custom APIs into the platform. In this demonstration, we will showcase how to build interactive AI pipelines in a few drag-and-drops, how to perform interactive data augmentation, and how to integrate pipelines into Colabs. In addition, we demonstrate a wide range of community-contributed pipelines in Visual Blocks for ML, covering various aspects including interactive graphics, chains of large language models, computer vision, and multi-modal applications. We encourage students, designers, and ML practitioners to contribute ML pipelines to inspire creative use cases. Visual Blocks for ML is available at http://visualblocks.withgoogle.com.

Computer Science
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