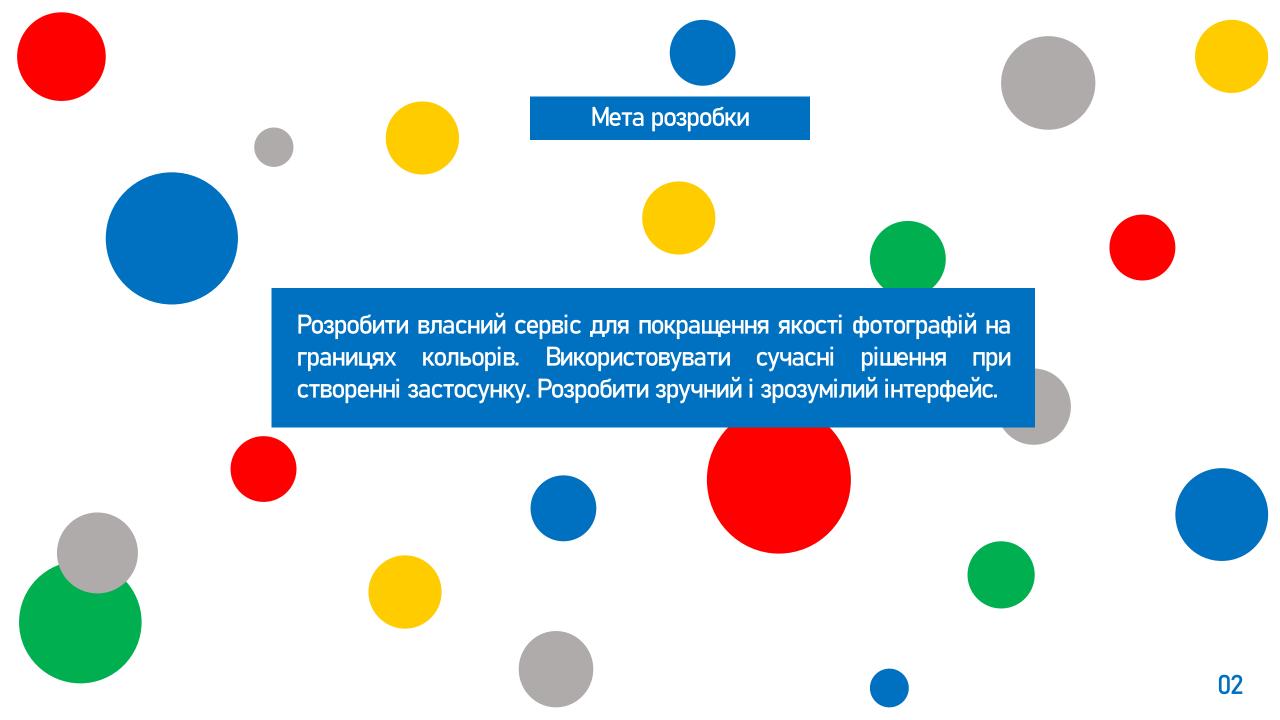
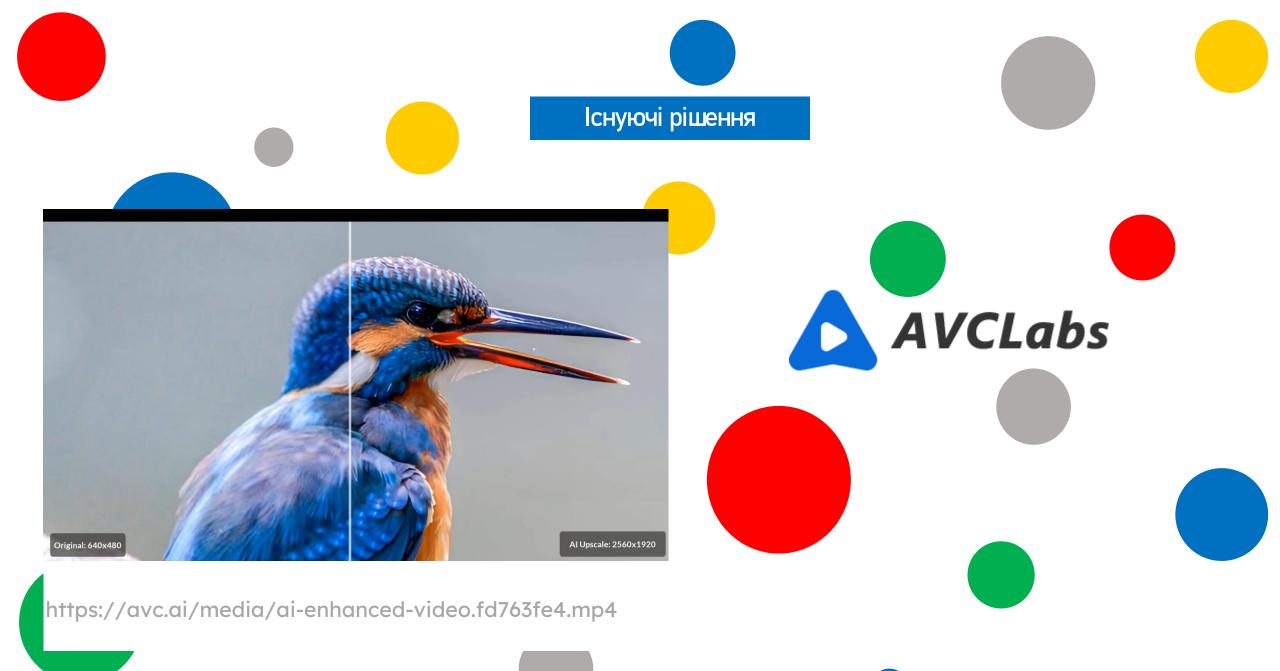


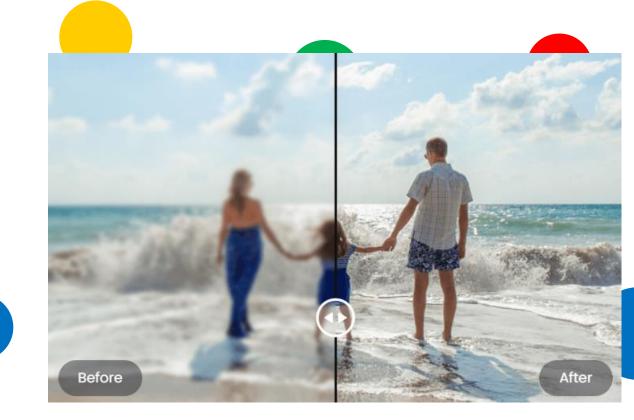
https://www.techopedia.com/wp-content/uploads/2023/07/AI-related-roles.png







PicWish



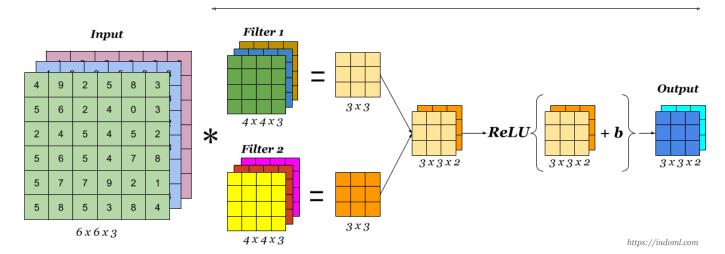
https://cfcdn.apowersoft.info/astro/picwish/_astro/banner-img-before.f02572d6.png

Опис архітектури

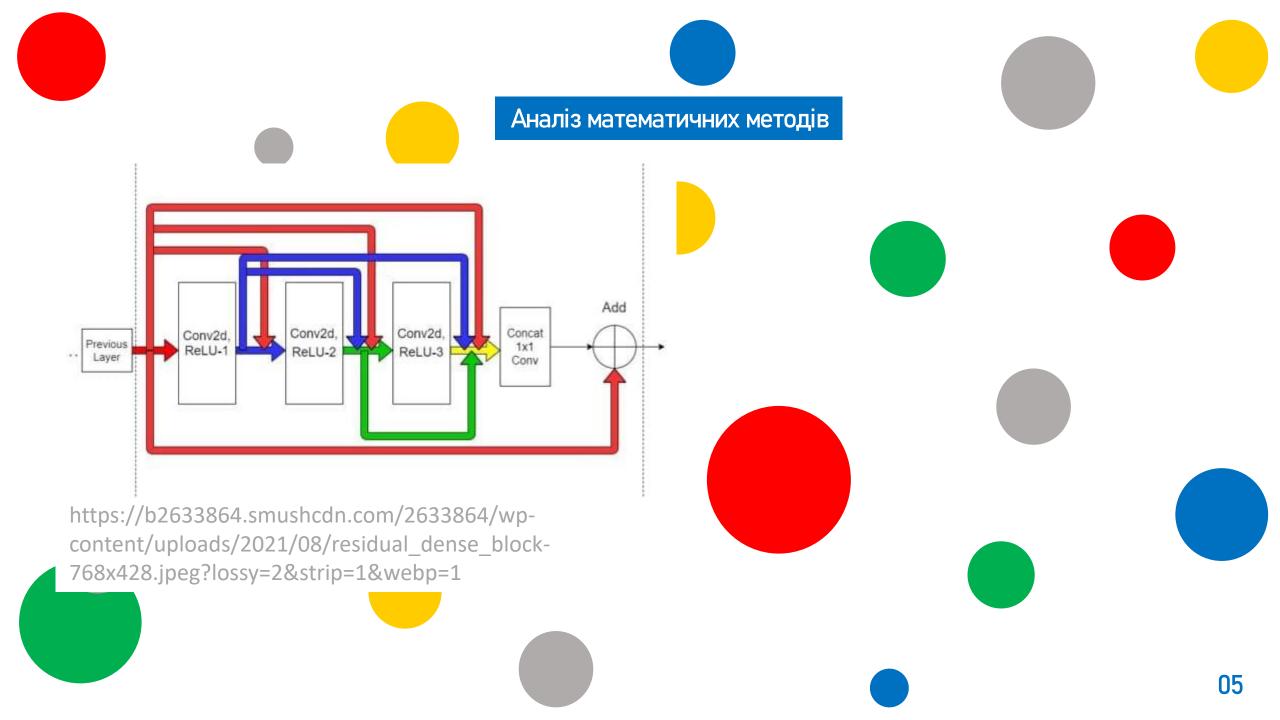
```
def Model(channels, upscale_factor):
inputs = keras.Input(shape=(None, None, channels))
X = Conv2D(64, 5, padding='same', activation='relu', kernel_initializer='Orthogonal')(inputs)
X = Conv2D(64, 3, padding='same', activation='relu', kernel_initializer='Orthogonal')(X)
X = rdb_block(X, numLayers=3)
X = Conv2D(32, 3, padding='same', activation='relu', kernel_initializer='Orthogonal')(X)
X = rdb_block(X, numLayers=3)
X = Conv2D(channels * (upscale_factor**2), 3, padding='same', activation='relu', kernel_initializer='Orthogonal')(X)
outputs = tf.nn.depth_to_space(X, upscale_factor)
return keras.Model(inputs, outputs)
```

Аналіз математичних методів

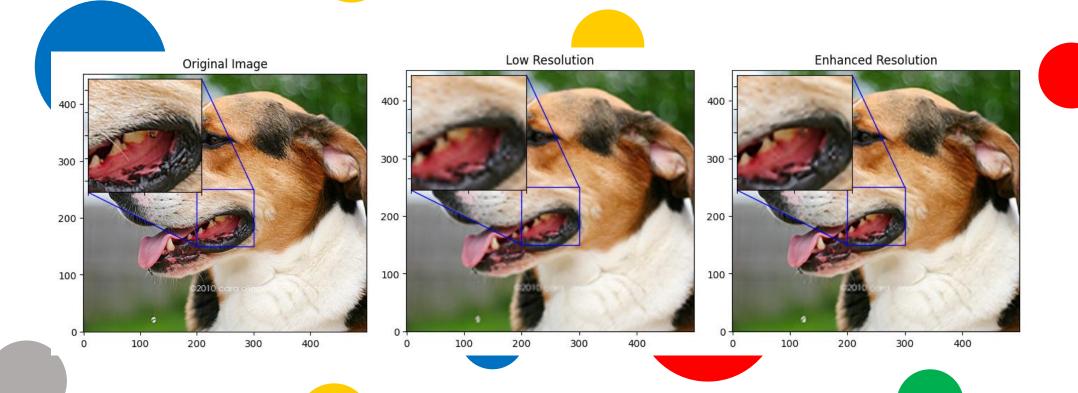
A Convolution Layer



https://miro.medium.com/v2/resize:fit:1400/1*u2el-HrqRPVk7x0xlvs_CA.png



Демонстрація результатів





@Coursework_nn_test_bot



