**Output predictions of mobile\_net\_v2:**

+-----+---------------------------------------+

|label|prediction |

+-----+---------------------------------------+

|frog |{n02356798, fox\_squirrel, 7.472974} |

|bird |{n02002724, black\_stork, 8.031031} |

|frog |{n01744401, rock\_python, 9.125908} |

|deer |{n02356798, fox\_squirrel, 7.5615826} |

|frog |{n02457408, three-toed\_sloth, 8.139732}|

|frog |{n01756291, sidewinder, 6.9101005} |

|bird |{n02002724, black\_stork, 6.9296956} |

|frog |{n03764736, milk\_can, 9.065401} |

|frog |{n01688243, frilled\_lizard, 9.575037} |

|frog |{n01744401, rock\_python, 7.9928713} |

|deer |{n02422106, hartebeest, 9.47989} |

|frog |{n02119789, kit\_fox, 10.59206} |

|bird |{n02606052, rock\_beauty, 6.910691} |

|frog |{n02325366, wood\_rabbit, 6.730158} |

|frog |{n02356798, fox\_squirrel, 7.484116} |

+-----+---------------------------------------+

only showing top 15 rows

**Output predictions of vgg19:**

+-----+--------------------------------------+

|label|prediction |

+-----+--------------------------------------+

|frog |{n02013706, limpkin, 6.9151354} |

|bird |{n02002724, black\_stork, 7.367693} |

|frog |{n04579145, whiskey\_jug, 5.543442} |

|deer |{n02091635, otterhound, 7.565753} |

|frog |{n02457408, three-toed\_sloth, 6.799} |

|frog |{n02356798, fox\_squirrel, 6.2871785} |

|bird |{n02013706, limpkin, 4.2486725} |

|frog |{n01688243, frilled\_lizard, 8.424452} |

|frog |{n02356798, fox\_squirrel, 6.575295} |

|frog |{n03903868, pedestal, 6.633815} |

|deer |{n02356798, fox\_squirrel, 7.42445} |

|frog |{n01688243, frilled\_lizard, 7.2758336}|

|bird |{n06596364, comic\_book, 4.652661} |

|frog |{n02356798, fox\_squirrel, 7.011245} |

|frog |{n02356798, fox\_squirrel, 7.0600677} |

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only showing top 15 rows

**Output predictions of resnet50:**

+-----+--------------------------------------+

|label|prediction |

+-----+--------------------------------------+

|frog |{n02130308, cheetah, 10.426459} |

|bird |{n01443537, goldfish, 6.834964} |

|frog |{n01496331, electric\_ray, 7.9641924} |

|deer |{n04525038, velvet, 7.9794655} |

|frog |{n01688243, frilled\_lizard, 7.3185043}|

|frog |{n01496331, electric\_ray, 7.7286572} |

|bird |{n02356798, fox\_squirrel, 5.2075057} |

|frog |{n02356798, fox\_squirrel, 8.57772} |

|frog |{n01644900, tailed\_frog, 7.5442767} |

|frog |{n01644900, tailed\_frog, 10.755041} |

|deer |{n02115913, dhole, 10.55313} |

|frog |{n02129165, lion, 9.034145} |

|bird |{n02356798, fox\_squirrel, 10.846921} |

|frog |{n02356798, fox\_squirrel, 9.478152} |

|frog |{n02356798, fox\_squirrel, 8.230193} |

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only showing top 15 rows

**Note: From my observations of the above few outputs, I feel resent50 is a better model.**