Analytic Computing Patterns

The road to Viya

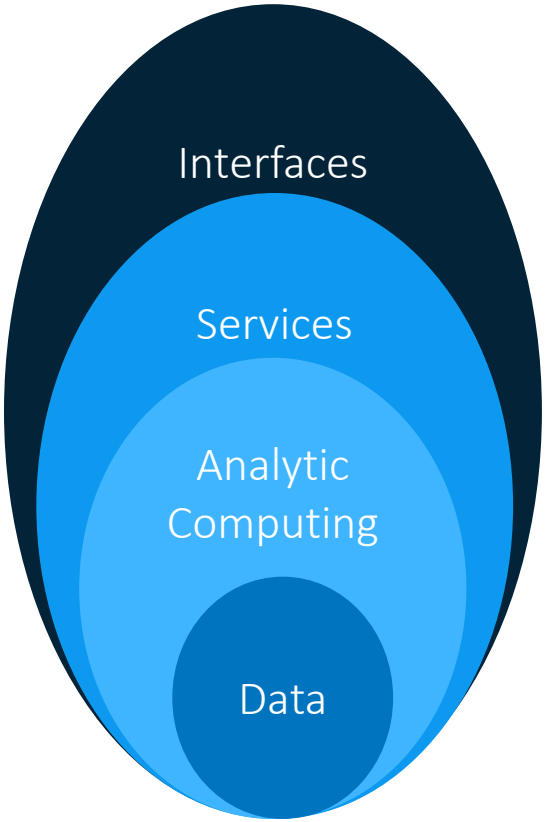
Company Confidential – For Internal Use Only
Copyright © SAS Institute Inc. All rights reserved.

sas
THE POWER TO KNOW®

SAS Overview

TECHNOLOGY LAYERS

- Data
  - Accessing input/output data
- Analytic Computing
  - Algorithms and Processing paradigms
- Services
  - Utilities and services that surface functionality to interfaces/applications
- Interfaces
  - Visual and Programming interfaces to functionality

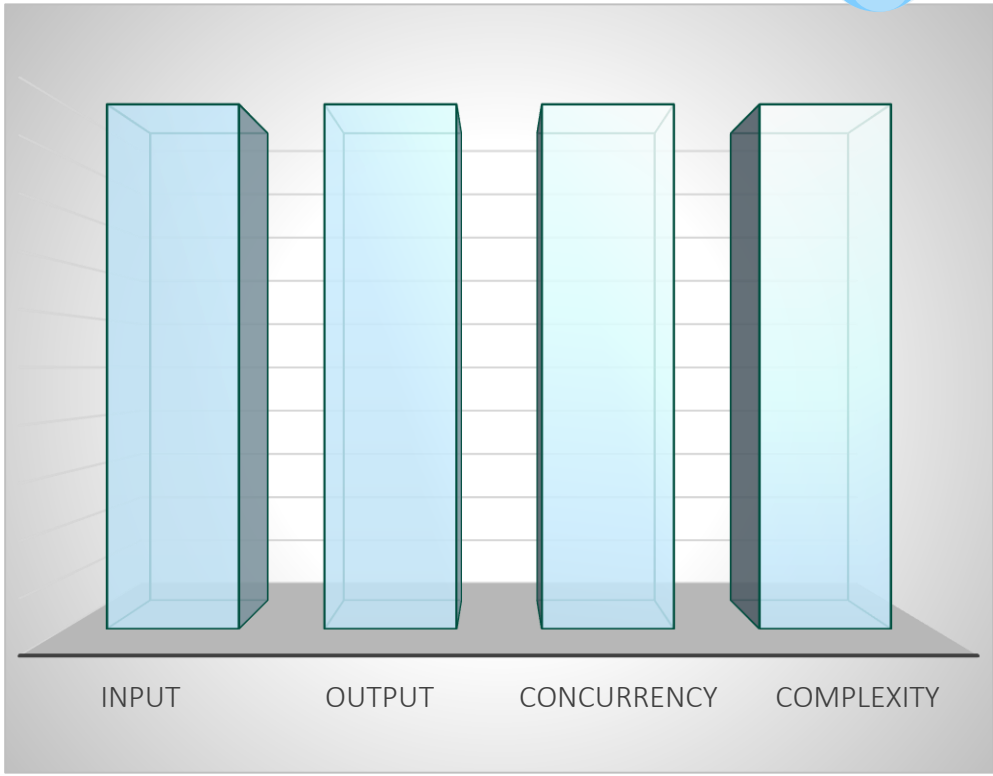


Company Confidential – For Internal Use Only
Copyright © SAS Institute Inc. All rights reserved.

Analytic computing

REQUIREMENTS/CAPABILITIES VIEW

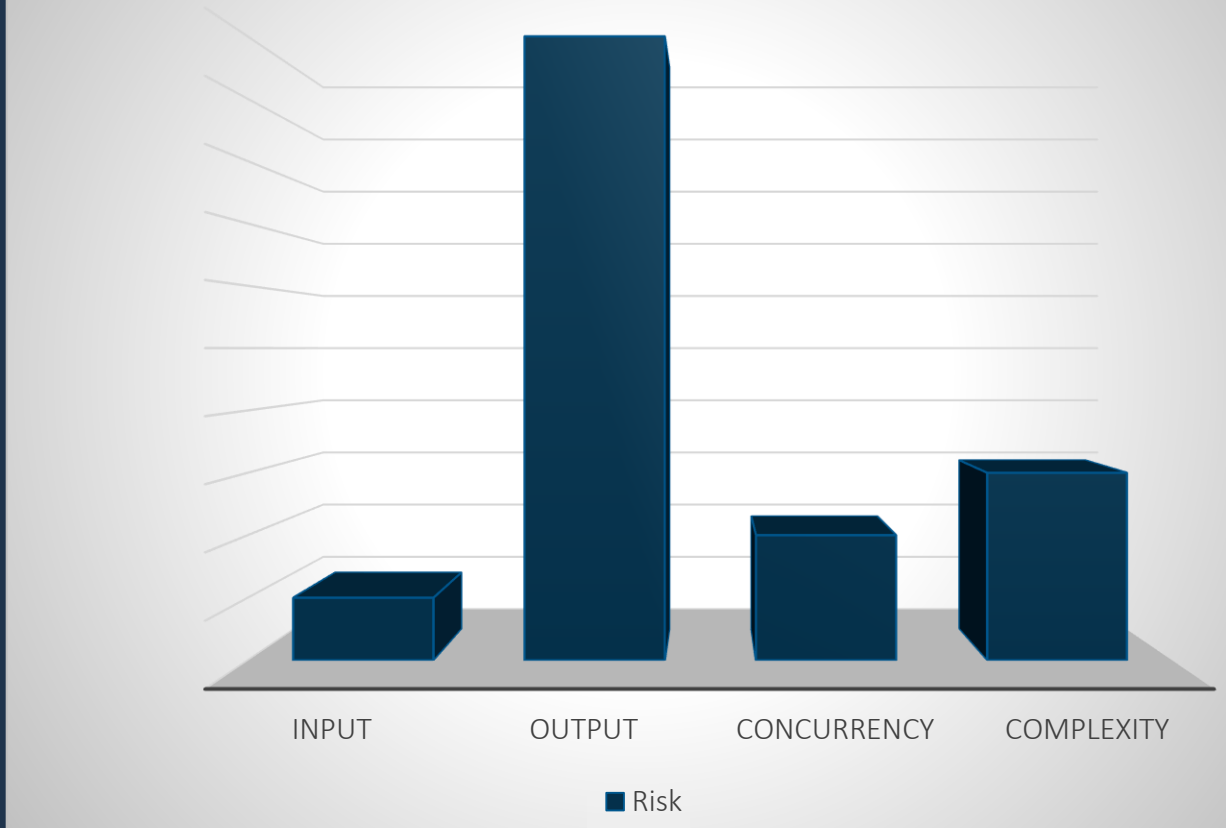
- Input
  - The size and shape of the input data needed
- Output
  - The size and shape of the output data
- Concurrency
  - How many instances are typically executing at the same time
- Complexity
  - The complexity of the algorithm/problem being solved



Company Confidential – For Internal Use Only
Copyright © SAS Institute Inc. All rights reserved.

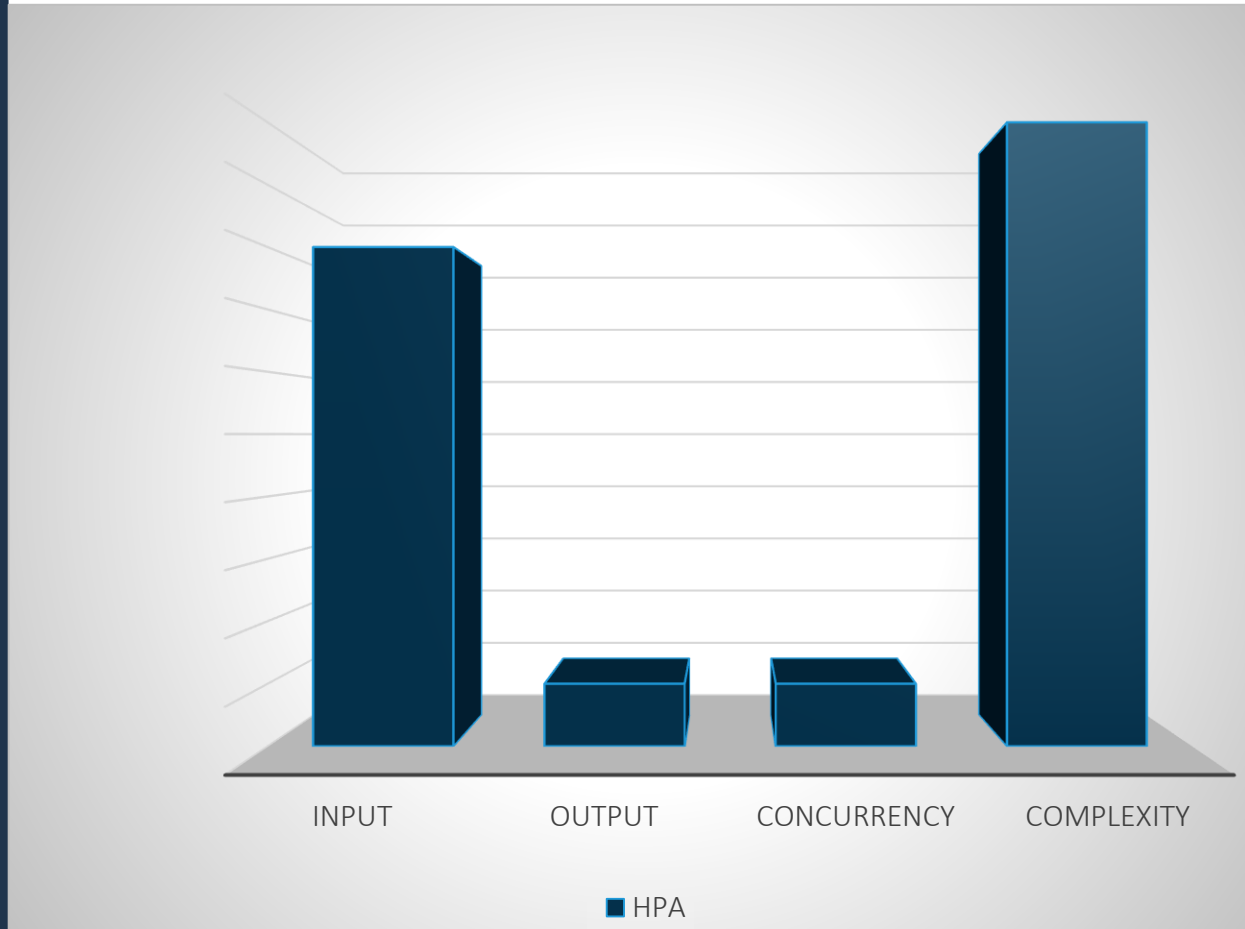
Analytic Computing

HP-RISK



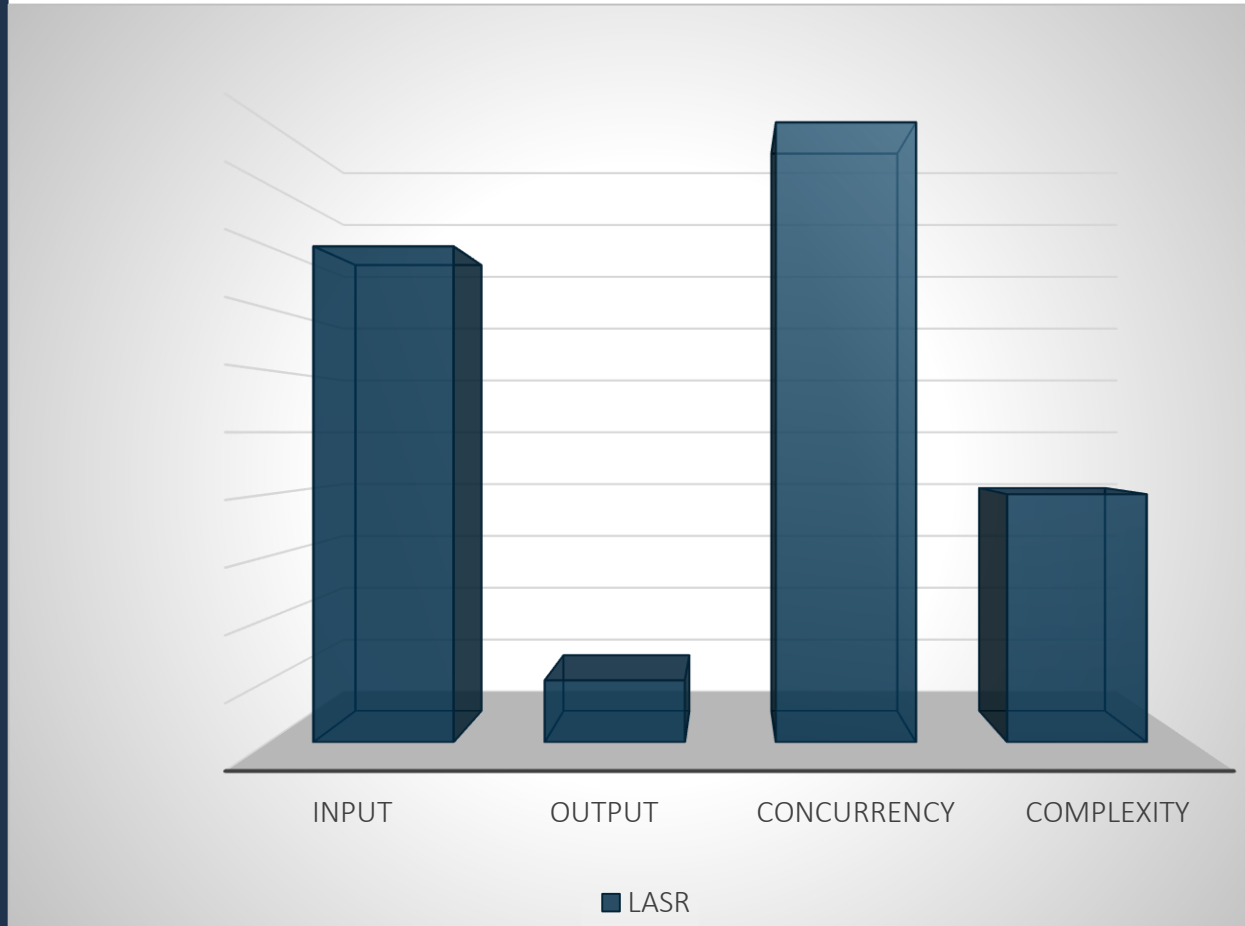
Analytic Computing

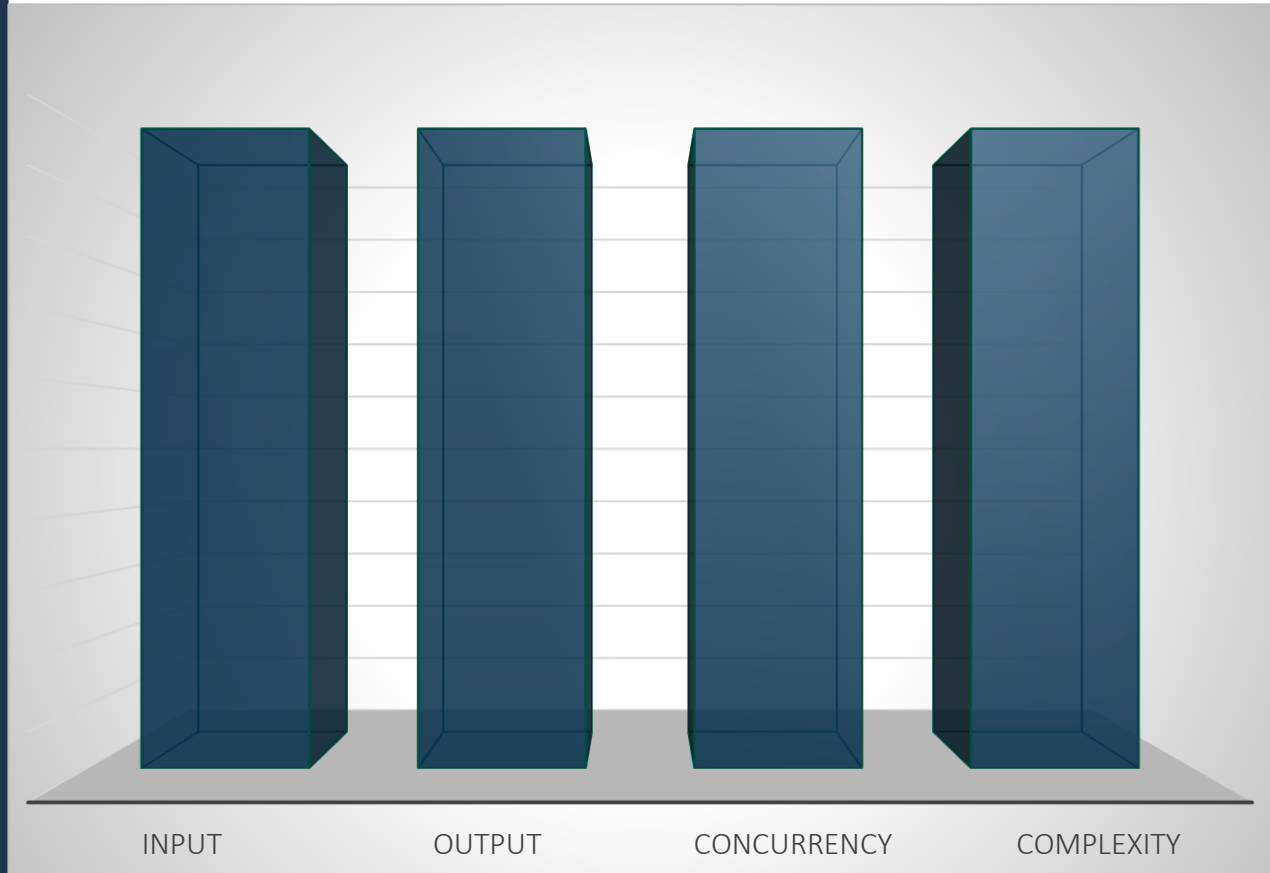
HPA



Analytic Computing

LASR



Viya - CAS

Analytic Computing