

CPCS 436C: Cloud Computing for Data Science
Computer Science
University of British Columbia

Assignment2 Rubric : VM Deployment for Image Recognition

Maryam R.Aliabadi, Oct 24th, 2023

Criteria	Excellent (15-20)	Needs Improvement (7-14)	Unsatisfactory (1-6)
Understanding Containerization vs. VM (20 points)	- Demonstrates a comprehensive understanding of containerization and VMs, highlighting their strengths and use cases.	- Provides basic understanding but lacks depth or clarity in explaining the distinct advantages of containers and VMs.	- Shows limited understanding of containerization and VMs, failing to differentiate their advantages and use cases.
Dockerfile & Image Creation (20 points)	- Dockerfile and image creation exhibit excellence in structuring, efficiency, and reproducibility of the application.	- Dockerfile and image creation are acceptable but lack optimization or clarity in the steps involved in the image creation.	- Dockerfile and image creation are incomplete or lack essential components, making it challenging to reproduce the image.
Local Host vs. VM Execution (20 points)	- Detailed comparison of the application's execution on local host and VM, highlighting performance differences.	- Provides comparisons, but lacks depth in analyzing or presenting the differences in application execution on local host and VM.	- Comparison between local host and VM execution is minimal, lacking essential details or performance differences.
Advantages & Disadvantages Report (20 points)	- Provides a comprehensive report outlining clear advantages and disadvantages of running the application on local host vs. VM.	- Presents advantages and disadvantages but lacks depth or clarity in discussing the differences in running the application on local host and VM.	- Report on advantages and disadvantages is minimal, lacks clarity, or does not adequately highlight differences between local host and VM execution.
Overall Presentation & Clarity (20 points)	- Well-structured report with clear organization and presentation of information, making it easy to follow and comprehend.	- Report structure is acceptable but lacks coherence or has minor issues affecting the flow of information.	- Poorly structured report with unclear presentation, making it challenging to follow or comprehend the information provided.