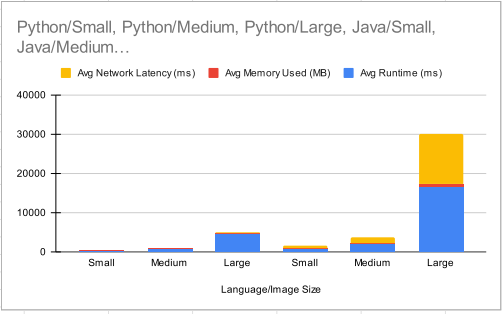
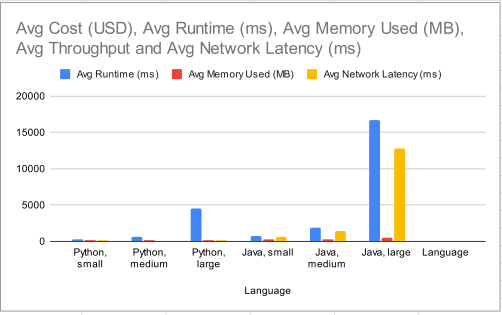
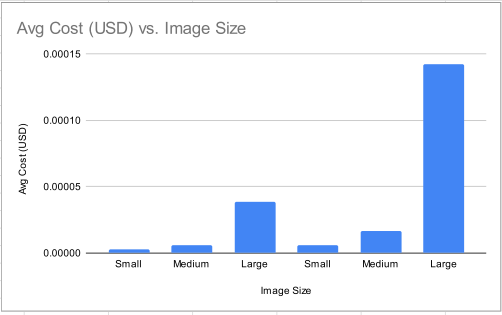
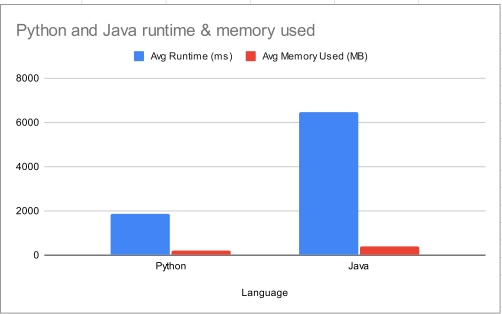
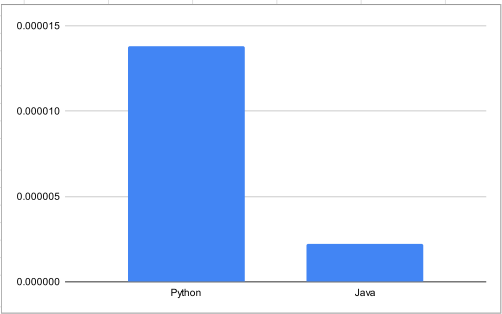


Language	Image Size	Avg Cost (USD)	Avg Runtime (ms)	Avg Throughput	Avg Memory Used (MB)	Avg Network Latency (ms)
Python	Small	0.000002635986139	308.8428571	4.527074036	183.5714286	133.9428571
Python	Medium	0.0000057184768	670	3.417894015	191.2	98.64285714
Python	Large	0.00003893892528	4562.242857	1.529736203	191.5285714	134.3285714
Java	Small	0.000006035614501	707.1571429	2.745633795	266.2428571	574.0285714
Java	Medium	0.00001650323141	1933.585714	0.5294302426	309.0714286	1448.471429
Java	Large	0.0001426651445	16715.22857	0.06112887436	559.5	12741.47143
Language	Avg Cost (USD)	Avg Runtime (ms)	Avg Throughput	Avg Memory Used (MB)	Avg Network Latency (ms)	
Python, small	0.00001481398443	308.8428571	4.527074036	183.5714286	133.9428571	
Python, medium	0.00001318383243	670	3.417894015	191.2	98.64285714	
Python, large	0.00001345085725	4562.242857	1.529736203	191.5285714	134.3285714	
Java, small	0.000002187286894	707.1571429	2.745633795	266.2428571	574.0285714	
Java, medium	0.000002366035017	1933.585714	0.5294302426	309.0714286	1448.471429	
Java, large	0.000002135345079	16715.22857	0.06112887436	559.5	12741.47143	
Language	Avg Cost (USD)	Avg Runtime (ms)	Avg Throughput	Avg Memory Used (MB)	Avg Network Latency (ms)	
Python	0.0000138162247	1847.028571	3.158234751	188.7666667	122.3047619	
Java	0.000002229555663	6451.990476	1.112064304	378.2714286	4921.32381	
	estimated_cost_usd	function_runtime_ms	processing_throughput	memory_used_mb	network_latency_ms	
Details						
Python Small	0.00000121197568	142	9.672386301	181	140	
Python Medium	8.40E-07	98.4	10.22611146	184.1	96.5	
Python Large	0.000001269160448	148.7	7.540973278	191	146.8	
Java Small	0.00000529599232	620.5	3.78414297	260.7	615.5	
Java Medium	0.00001319773235	1546.3	0.6476310238	293.1	1543.6	
Java Large	0.000115961321	13586.5	0.07360578933	375	13584.5	
Rotate						
Python Small	0.000002506741248	293.7	3.793820977	184.1	147.5	
Python Medium	3.62E-06	423.8	2.372965546	186.2	108.1	
Python Large	0.00001465637069	1717.2	0.5866004075	192.6	150	
Java Small	0.00000612815872	718	2.950574772	264.9	631.9	
Java Medium	0.00001466575923	1718.3	0.5826021795	300.9	1560.6	
Java Large	0.0001282978678	15031.9	0.06653180088	568.1	13705.2	
Resize						
Python Small	0.000002318970368	271.7	4.194632215	182.4	138.7	
Python Medium	0.000003093098496	362.4	2.79996103	202.9	100.7	
Python Large	0.00001245945139	1459.8	0.6868336744	194.5	139.4	
Java Small	0.00000698593024	818.5	2.142535885	268.8	612	
Java Medium	0.00001826157158	2139.6	0.4675405983	303.1	1513.7	
Java Large	0.00002357570087	2762.225	1.751283996	271.8875	2129.8125	
Grayscale						
Python Small	0.000002412002304	282.6	3.981837273	182.5	132.7	
Python Medium	2.98E-06	348.9	2.890506903	201.5	98.7	
Python Large	0.00001157778176	1356.5	0.7396165593	189.9	128.8	
Java Small	0.000006063292416	710.4	2.769713052	266.2	599.3	
Java Medium	0.00001494314803	1750.8	0.5720793468	301.2	1534.3	
Java Large	0.000126531968	14825	0.06745980688	475.1	13505.2	
Brightness						
Python Small	0.000002567340032	300.8	3.86711173	184.2	142.1	
Python Medium	0.000003457544704	405.1	2.498946172	187.1	104	
Python Large	0.00001654261453	1938.2	0.5180647512	192.3	131.5	
Java Small	0.000006158884864	721.6	2.722164331	265.4	604.2	
Java Medium	0.00001657590118	1942.1	0.5154185096	301.8	1559.8	
Java Large	0.0001433323407	16793.4	0.05956944093	568.6	13650.3	
Transform						
Python Small	0.000005160285184	604.6	1.880177187	186.4	101.1	
Python Medium	0.00002294560154	2688.4	0.3720281229	190.5	78.8	
Python Large	0.0002016582436	23627.1	0.04246544342	189.1	108.2	
Java Small	0.00000493325312	578	2.416653251	271	335.6	
Java Medium	0.00005197892704	6090.0625	1.076104245	260.15	2042.2375	
Java Large	0.0001874038733	21957	0.0456695911	977.3	7569.3	
Batch						
Python Small	0.00000227458816	266.5	4.29955257	184.4	135.5	



Python Medium	0.00000309821952	363	2.764738875	186.1	103.7
Python Large	0.00001440885453	1688.2	0.5935993092	191.3	135.6
Java Small	0.000006683789824	783.1	2.433652301	266.7	619.7
Java Medium	0.0000166860032	1955	0.5121906593	303.1	1550.6
Java Large	0.0001435960735	16824.3	0.05943977411	570.3	13662.9