Pricing

Here we show a cost calculation for various NLU services. The latest figures from the Beuthhochschule were taken. For students it was expected that you would use all services and that they would be there 4 days a week. All of this multiplies the requests per week. Employees were expected to use only two services, but they also spent 5 days in college. In the case of lecturers, it was calculated that they use 2 services, but are only there 1 day a week.

	Students	Employee	external lecturer
Number of people	12667	787	600
Number of services used	4	5	1
Number of days present	6	2	2
Inquiries per week	304008	7870	1200

Total requests per week	313078
Total requests per month	1252312

After we have calculated the maximum total number of inquiries for one month, we have downsized accordingly the percent of inquiries. Hiemrit means that only that percentage of people really make requests. These were calculated with the prices of the providers according to the price lists. With some providers it was not possible to determine the exact price and it may be that the price becomes even more expensive.

providers	Cost in €	100%	80%	60%	40%
Azure	0,844	1057,532€	845,688€	634,688€	422,844€
IBM	0,0009	2254,1616€	1803,32928€	1352,49696€	901,66464€
Google	0,9	1127,7€	901,8€	676,8€	1127,7€
AWS	0,00054	676,24848	540,998784€	405,749088€	270,499392€

This table clearly shows that AWS offers the cheapest service. However, we tend to Azure because there is a search query with more characters available.