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3. eBay currently requests a captcha/verification code after accessing the site approximately 15 times in quick succession from the same IP address. This means that a proxy must be used to circumnavigate this temporary lockout. Using free proxies is extremely inefficient. Many free proxies are either already flagged by eBay, are slow, or do not work at all. This limits the efficiency of the ADC as the time to retrieve auction data can be time consuming. Further work could be carried out on circumnavigating eBay's lock outs, such as: accurately determining the threshold for server requests and subsequently adjusting the request limit of each proxy. This would allow for more efficiency in data collection as less proxies would be banned and would allow the recycling of proxies

Addressing these above suggestions would result in a more efficient and effective ADC and BLA tools that could further improve shill bidding detection.

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