**The Dataset 📊**

now let's interpret the dataset after I cleaned the mess…  
Interpretation of Feature columns:-

* Job Title: Specifies the nature of the job. It aids potential applicants in quickly understanding the role that client needs.
* Job\_URL: A direct pathway to the full job details, ensuring authenticity and providing additional specifics (sometimes it not works because the job was deleted from the site).
* EX\_level\_demand: Describes the skill tier desired. Helps candidates evaluate if they are a fit for the job. (there's 3 tiers on the site: "Entry level & Intermediate & Expert")
* Time\_Limitation: Indicates the roughly time frame the client demands for the job, assisting freelancers in managing their schedules. (they's a few varieties not much)
* Search\_Keyword: the keyword I've used in search bar to get that row result. I've used (3D & Data science & Developer & Marketing) but I didn't scrap these fields with the same quantity.
* Posted\_from: that's the time between the client posted the job and scrapping time that job.
* Description: the full description of the job which client wrote.
* Category\_1 to Category\_9: These columns specify categories of skills that the client wrote as a relevant to the job. Each category column is paired with a corresponding URL ("CategoryX\_URL\_search") which leads to a search page for requiring the specified skill.
* Category1\_URL\_search to Category9\_URL\_search: Direct links to related skills/categories give insights into potential prerequisites for the job.
* highlight: it's an indicator about this job related to.

\*So, while "Highlight" is about the visual or attention-grabbing aspect of a job post, "Category" relates to the organizational system that sorts jobs into different fields or types of work. In your dataset, each job will belong to one category (showing the field of work) but may or may not be highlighted, depending on whether the client has opted for that feature to make their post more noticeable.  
as a freelancer: focus on the "Category" trends for search more than "Highlight"

* Applicants\_Num: number of the freelancers who applied proposal for that job yet. A high number might deter some from applying.
* Payment\_Situation: the client activated and verified his payment card account on the site or not. (verifying shows that the client is serious even he didn't spend any money yet on the site).
* Enterprise\_client: it typically refers to a large corporation or organization that uses the Upwork platform to source and manage freelancers and agencies for various projects.  
  The average Upwork Enterprise client has:  
  10x MORE JOBS POSTED  
  15x MORE MONEY SPENT  
  50% MORE WORK DONE  
  some of them spent millions on Upwork platform on the freelancers ^\_^
* Freelancers\_Num: number of freelancers that the client needs for the job (usually it's just one).
* Spent($): Reflects how much the client spent on the site since he joined. (the more client spends; the more his job is attractive cuz he's usually serious and generous).
* Client\_Country: Knowledge of client location can influence decisions based on time zones or cultural familiarity.
* Connects\_Num: connects are the currency of the site; the freelancers buy every 10 connects for 1.5$ . so the more job costs the less freelancers applying for it.  
  (the job costs 1, 2, 4, 6 or 8 connects)
* New\_Connects\_Num: currently the site doubled the connects for the jobs, so now it's (2, 4, 8, 12, 16)
* Rating: A reflection of the client's reputation, influencing trust and the decision to apply. (be careful from the number of feedbacks if it's just 1 feedback with 5 stars rating maybe it's not real honest feedback)
* Feedback\_Num: number of feedbacks that previous freelancers gave to the client. the more it is the more honesty of feedbacks.
* Payment\_type: there's 2 types that clients paying for the project "Fixed-price" for the whole project at once & "Hourly" it counts every working hour and pay depends on the price per hour.
* Job\_Cost: it's for "Fixed-price" projects; The projected budget can help freelancers gauge the project's scale and value.

**I'm sorry I forgot to add the 3D jobs costs, but here it's the average cost of about 986 job of 3D field that I've scrapped from the site before= 508 $**

* Hourly\_Rate: it's for "Hourly" projects; A clear indicator for those preferring hourly jobs to assess if the payment aligns with their expectations.
* Start\_rate and End\_rate: it's for "Hourly" projects; it's the original Hourly\_Rate range but in separated columns.

If you have any questions or comments about the dataset, please do not hesitate to reach out to me:

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