图表

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In this bar chat, it focuses on counting the users' medical conditions and it clearly shows the top three conditions---Elderly Care/Support, Dementia, and Mental health issue, and the last three conditions ---Progressive Supranuclear Palsy, Down Syndrome, and Cerebellar Ataxia. Based on the statistic, "Elderly Care Support" will relatively continue being the top medical condition for the next few years. By counting the frequency in each medical condition, around 250 people need "Elderly care support" and the second large number of medical conditions only has about 120 people. Therefore, based on the growth rate for each medical condition, "Elderly care support" will be still the maximum demand among all the conditions, which means that it's necessary to spend more effort on designing the system for this kind of need.

图形用户界面, 图表

中度可信度描述已自动生成

In this history graph, we use gender as the category to divide the users into two parts. Through the comparison, firstly, we can easily check which kind of medical issue highly exists in a certain gender group. For example, "Elderly care/support", "Epilepsy", and "Mental health issue" are still the most common medical conditions in both male and female. Moreover, form the lease common conditions, there is a phenomenon that some medical conditions are only existed in male or female. For instance, based on the graph, only males have “Down Syndrome” and “OCD” and only females have “Progressive Supranuclear Palsy” and “Cerebellar Ataxia”.

图表

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In this boxplot, it shows the relationship between age and medical condition. For each condition, it has the Max/Min/Median age, and can reflect the range of the age for the people who high likely have these kinds of medical issues. In this graph, it can be divided into two groups which can be worked on for further studies. For the medical condition that has the large range in age, it demonstrates that the condition is potentially existed in different age groups, and it cannot be normalized by a certain case. Therefore, in order to have a better user experience, the platform may work on designing some specific care systems for each age group within a particular medical condition. Besides, for the medical conditions that are centralized in a given age group, improving the quality of corresponding service ….