# 数据量大如何进行优化？

1. viewPager2懒加载

[https://blog.csdn.net/u011210902/article/details/126776340?ops\_request\_misc=%257B%2522request%255Fid%2522%253A%2522168985717416800226541785%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request\_id=168985717416800226541785&biz\_id=0&utm\_medium=distribute.pc\_search\_result.none-task-blog-2~all~sobaiduend~default-2-126776340-null-null.142^v90^koosearch\_v1,239^v3^control&utm\_term=viewPager2%E6%87%92%E5%8A%A0%E8%BD%BD&spm=1018.2226.3001.4187](https://blog.csdn.net/u011210902/article/details/126776340?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522168985717416800226541785%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=168985717416800226541785&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~all~sobaiduend~default-2-126776340-null-null.142%5ev90%5ekoosearch_v1,239%5ev3%5econtrol&utm_term=viewPager2%E6%87%92%E5%8A%A0%E8%BD%BD&spm=1018.2226.3001.4187)

1pager.setOffscreenPageLimit(fragmentList.size());避免fragment销毁，重复创建

2将Fragment加载数据的逻辑放到onResume()方法中，这样就保证了Fragment可见时才会加载数据。

声明一个变量标记是否是首次执行onResume()方法，因为每次Fragment由不可见变为可见都会执行onResume()方法，需要防止数据的重复加载。

1. 后台线程或异步加载（AsynTask）耗时任务

[https://blog.csdn.net/lu202032/article/details/117385365?ops\_request\_misc=%257B%2522request%255Fid%2522%253A%2522168986125516800182172054%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fall.%2522%257D&request\_id=168986125516800182172054&biz\_id=0&utm\_medium=distribute.pc\_search\_result.none-task-blog-2~all~first\_rank\_ecpm\_v1~rank\_v31\_ecpm-1-117385365-null-null.142^v90^koosearch\_v1,239^v3^control&utm\_term=%E5%90%8E%E5%8F%B0%E7%BA%BF%E7%A8%8B%E6%88%96%E5%BC%82%E6%AD%A5%E5%8A%A0%E8%BD%BD%E8%80%97%E6%97%B6%E4%BB%BB%E5%8A%A1&spm=1018.2226.3001.4187](https://blog.csdn.net/lu202032/article/details/117385365?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522168986125516800182172054%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fall.%2522%257D&request_id=168986125516800182172054&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~all~first_rank_ecpm_v1~rank_v31_ecpm-1-117385365-null-null.142%5ev90%5ekoosearch_v1,239%5ev3%5econtrol&utm_term=%E5%90%8E%E5%8F%B0%E7%BA%BF%E7%A8%8B%E6%88%96%E5%BC%82%E6%AD%A5%E5%8A%A0%E8%BD%BD%E8%80%97%E6%97%B6%E4%BB%BB%E5%8A%A1&spm=1018.2226.3001.4187)

[https://blog.csdn.net/qq\_37321098/article/details/81625580?ops\_request\_misc=%257B%2522request%255Fid%2522%253A%2522168986152516800197051679%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request\_id=168986152516800197051679&biz\_id=0&utm\_medium=distribute.pc\_search\_result.none-task-blog-2~all~top\_positive~default-1-81625580-null-null.142^v90^koosearch\_v1,239^v3^control&utm\_term=AsyncTask&spm=1018.2226.3001.4187](https://blog.csdn.net/qq_37321098/article/details/81625580?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522168986152516800197051679%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=168986152516800197051679&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~all~top_positive~default-1-81625580-null-null.142%5ev90%5ekoosearch_v1,239%5ev3%5econtrol&utm_term=AsyncTask&spm=1018.2226.3001.4187)

1. DataBinding?只通知变化的部分？

MVVM内的笔记

Android开发提升效率之DataBinding——基本使用：

<https://blog.csdn.net/luo_boke/article/details/115638172>

DataBinding详解：

[https://blog.csdn.net/yufumatou/article/details/113571917?ops\_request\_misc=%257B%2522request%255Fid%2522%253A%2522168986038316800180667517%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request\_id=168986038316800180667517&biz\_id=0&utm\_medium=distribute.pc\_search\_result.none-task-blog-2~all~top\_positive~default-1-113571917-null-null.142^v90^koosearch\_v1,239^v3^control&utm\_term=dataBinding&spm=1018.2226.3001.4187](https://blog.csdn.net/yufumatou/article/details/113571917?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522168986038316800180667517%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=168986038316800180667517&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~all~top_positive~default-1-113571917-null-null.142%5ev90%5ekoosearch_v1,239%5ev3%5econtrol&utm_term=dataBinding&spm=1018.2226.3001.4187)

1. 使用数据绑定库：使用数据绑定库（如 Android 的 Data Binding 或者 Jetpack Compose）可以简化数据与 UI 的绑定过程，提高代码的可维护性和性能。