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SPECIAL TOPICS IN IT
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TOPIC: Effectiveness of Wearable Trackers on Physical Activity

With more people looking for ways to check their physical activity levels, wearable trackers have grown in popularity in recent years. These gadgets, which are frequently worn on the wrist or fastened to clothing, use sensors to keep track of a variety of wearer movements, including steps taken, calories burned, and even heart rate. In this essay, I'll look at how wearable activity trackers work to encourage people to move more and how they can help people get fitter. One of the biggest advantages of wearable trackers is that they give people a means to track their daily activity levels. Knowing how much movement they are actually performing can be a great motivator for folks who struggle to find the drive to exercise frequently. Even if they don't have time for a structured workout, folks may walk more during the day if they can see how many steps they have completed, for instance.

Goal-setting and goal-tracking are made possible by wearable trackers, which is another advantage. As an illustration, the tracker can be used to track a person's progress toward a goal like walking 10,000 steps each day. For those trying to increase their level of fitness, this can be a helpful tool because it gives them a specific goal to strive for. Moreover, wearable trackers can offer people insightful feedback on their level of activity. Many gadgets are sold with companion apps that enable users to view specific data about their physical activity. Data on the number of steps walked, the number of calories expended, and even sleep patterns can be included. People can determine areas where they might need to increase their activity levels by studying this data, and they can then change their routines accordingly.

Wearable trackers could have the drawback of occasionally being inaccurate. For instance, certain devices may over or undercount the number of steps done, which can produce erroneous statistics. However, the majority of gadgets are fairly precise, and any mistakes are typically small. Hence, wearable trackers can be a useful tool for increasing physical activity levels. These gadgets can support people in staying motivated and on track to reach their fitness objectives by giving them a tool to track their activity levels, create goals, and get feedback. The advantages these gadgets offer make them a useful tool for anyone trying to increase their level of fitness, even though there may be some limitations to their accuracy.