METHOD AND APPARATUS FOR DATA PROCESSING

CLAIM OF PRIORITY

[0001] This application claims priority to Chinese Application No. 201610717756.7, filed on August 24, 2016, and U. S. Application No. 15/684,603, filed on August 23, 2017, the entire contents of which are hereby incorporated by reference.

TECHNICAL FIELD

[0002] The present disclosure relates to computer-implemented methods, software, and systems for calculating individual carbon footprints.

BACKGROUND

[0003] Various human activities generate carbon emissions (such as, greenhouse gases) that can have negative effects on the Earth's environment. For example, driving a gasoline-powered car or operating a thermal power station generates carbon emissions. To control carbon emissions, it is important for an individual to be aware of their measured carbon footprint based on daily behaviors.

SUMMARY

[0004] The present disclosure describes methods and systems, including computer-implemented methods, computer program products, and computer systems for calculating individual carbon footprints, and particularly for calculating how many carbon footprints can be saved (that is, a carbon-saving quantity) from an individual engaging in environment-friendly behaviors.

[0005] In an implementation, behavior data associated with a user is obtained. The behavior data is generated when the user uses an Internet service and includes a user identification and identification information indicating the Internet service. At least one predefined carbon-saving quantity quantization algorithm is determined based on the identification information related to the Internet service. A carbon-saving quantity associated with the user is calculated based on the obtained behavior data and the determined at least one predefined carbon-saving quantity quantization algorithm. Based on the calculated carbon-saving quantity associated with the user and the user identification, user data is processed. The user data is related to the carbon-saving quantity associated with the user.