**ALIBABA CLOUD COMPUTING & AI**

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**Name of Project: Using artificial intelligence for precision agriculture and combating water waste**

**Description of Project**: This report explores the transformative potential of Artificial Intelligence (AI) in precision agriculture to rationalize water consumption and combat water waste within Jordan's agricultural sector.

Amidst increasing water challenges and based on precise readings of annual water availability and current water waste volumes, the report reviews how AI technologies (such as smart irrigation and crop data analytics) can significantly contribute to water conservation and increased agricultural productivity. Our project specifically highlights these solutions' capacity to effectively reduce annual water waste. Furthermore, it underscores the positive impact of these solutions on food security, environmental sustainability, and resource management efficiency, aligning with Sustainable Development Goals (ESG).