* Artificial Intelligence - lose Study - 1. Name: - Kaustush Shrikant Shabra. Class: - Third Year Engineering. ERP Mumber: 38 Department: - lomputer Department Poller: - AISSMS'S IOIT Kroger: How this US retail giant is using AI and Robots to prepare for the 4th Industrial Revolution. Groger, one of America's largest grocery chains has decided embrace technology to help it survive and thrive in the industrial revolution. With 2,782 gracery stores under nearly two dozen names in 35 states, throng plans leverage its of data shapper insights and scale to help it remain a leader in the market place of the future. According to a study sy the fool marketling institute online grocery is expected to account for 20 % of all growing retail by 2022 and reach of 100 billion In consumer sales, so kroyer and its competition are smart to figure out ways to use technology to their advantage. Restock Kroger Initiative-In the fall of 2017, Krozer unwilled an sudacious three-year \$9 billion plan halled Restock Krozer with the goal to build out its e-commerce digital and channel businesses and redefine the customer experience. The grocer already delivers

۲	
-	
-	3 billian nersanalised recommendations each were but they will anhere
-	3 billion personalised recommendations each year, but they will enhance the personalization efforts to "create different experience for customers".
1	antonomia your more in treat appoint experience for
-	LUSUMUIS.
-	
-	Delivery by sutonomous vehicles-
1	Joday we can set groceries delivered,
-	but throair is testing that delivery of the Sution - growing delivery
-	Delivery by sutonomous vehicles- Joday we can get graceries delivered, but Grager is testing that delivery of the Suture-gracery delivery by an autonomous which. Grager partnered with Nurs, a
Section 2	Silicon Valley company that specialises in sutonomous vehicle for
-	delivery on lite o'd of programme out tome can us brown
-	delivery on lits pilot programme customers can use Groger's click-list ordering system Nuro.
-	Luck ouvery system vinuo.
-	11 1. 4 .
-	Machine Leurning-
-	084.51 has made it a priority to enable and embed
1	machine learning into Groger's operations. Where a "machine learning
	into Grager's muchine's can build and denlay a lot of models
	into Krazer's muchine's can build and deploy a lot of models with very little human intervention in a project called Embedded Machine Lewing.
Distance of	Marking Lewing.
1000	
	Smurt Shelves-
	When a Krozer customer walk down the aisle with
	be and one land and identity the shown and and maride
	Frank Age Age, sensors themany my singings and provide
	personal pricing and nightight products the customer night
	Personal pricing and highlight products the customer night be interested via smart shelves technology.
	- Maria W Andrew
	LOUIS CONTROL AND
	Assert the falls and a sould be assent to the same and the second
	William Branch and the Common and th

Control of the Contro