

BUHARDAN ALGORİTMALARA:

Yapay Zeka Çağında İşin
Dönüşümü, Eşitsizlik ve
Temel Gelir

Yazar:
Dr. Hakan SARAÇ



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ÖNSÖZ

Bu çalışma, 18. yüzyılın ikinci yarısında buhar gücüyle filizlenen Sanayi Devrimi'nden, 21. yüzyılın yapay zeka ve dijitalleşme çağına uzanan köklü bir dönüşümün hikayesini anlatmaktadır. Tarihsel süreklilik içinde insanlık, üretim tarzlarını, çalışma biçimlerini ve nihayetinde toplumsal yapılarını radikal bir şekilde yeniden şekillendiren dört endüstriyel devrime tanıklık etmiştir. Her devrim, bir öncekini aşan teknolojik atılımlar vaat ederken, aynı zamanda emek süreçlerinde, sınıf ilişkilerinde ve gelir dağılımında derin çatlaklar ve eşitsizlikler meydana getirmiştir.

Bu uzun soluklu tarihsel yolculuğun temeli, buharın icadıyla başlayan ilk sanayi devrimiyle atılmıştır. Zanaatkâr üretiminden fabrika sistemine geçiş, "görünmez el" metaforunun aksine, ağır çalışma koşulları, yaygın çocuk emeği sömürüsü ve derinleşen toplumsal eşitsizliklerle şekillenmiştir. Ardından gelen elektrik ve seri üretim çağı ise verimliliği artırsa da, Taylorizm ve Fordizm gibi yönetim modelleriyle emeğin üzerindeki denetimi ve yabancılaşmayı kurumsallaştırmıştır. Bu ilk dönüşümler, teknolojik ilerlemenin toplumsal refahı otomatik olarak artırmadığını aksine, kazanımların ancak devlet müdahalesi ve örgütlü işçi mücadeleleriyle dengeli bir şekilde dağıtılabileceğini tarihsel verilerle kanıtlamaktadır.

İlerleyen süreçte, dijital çağın en belirgin ikilemi olan teknolojik işsizlik mercek altına alınmaktadır. Schumpeter'in "yaratıcı yıkım" kavramı çerçevesinde, otomasyon ve yapay

zekanın hangi meslekleri yok ettiği, hangilerini dönüştürdüğü ve hangi yeni beceri alanlarını ortaya çıkardığı tartışılmaktadır. Geçmişin Luddite hareketinden günümüzün Neoludizm endişelerine uzanan bu tartışma, teknolojik işsizliğin yeni bir olgu olmadığını, ancak Endüstri 4.0 ile birlikte ölçeği ve hızının benzeri görülmemiş bir boyuta ulaştığını ortaya koymaktadır. Çözüm, teknolojiyi reddetmekte değil, sert becerilerin yanı sıra eleştirel düşünme, yaratıcılık ve uyum sağlama gibi "yumuşak becerilerle" donatılmış, yaşam boyu öğrenmeye adapte olabilen bir işgücü yetiştirecek eğitim reformlarından geçmektedir.

Dijital devrimin sosyolojik ve ekonomik sonuçları ise daha derin bir analizi gerektirmektedir. Neoliberal politikaların yükselişiyle birlikte gig ekonomisi, prekarite ve atipik istihdam biçimleri yaygınlaşmış olup algoritmaların gölgesinde çalışan "freelancer"lar, güvencesizlik ve örgütsüzlük girdabına sürüklenmiştir. Endüstriyel kapitalizmden dijital kapitalizme geçişte, üretim araçlarının kontrolü büyük teknoloji tekellerinde yoğunlaşmış ve "verinin yeni petrol" olduğu bu düzende geleneksel sendikalar derin bir dönüşüm sınavıyla karşı karşıya kalmaktadır.

Nihayetinde, otomasyon çağında derinleşen gelir uçurumuyla mücadelede devlet müdahalesinin araçları ve politikaları kritik bir önem taşımaktadır. Robot vergisinden evrensel temel gelire (ETG) kadar çeşitli yenilikçi politika önerileri, artıları ve eksileriyle birlikte değerlendirilmelidir. Çalışmanın nihai argümanı, teknolojik ilerlemenin nimetlerinden geniş toplum kesimlerinin faydalanabilmesi için piyasa mekanizmalarına bel bağlamanın yetersiz olduğudur. Aktif istihdam politikaları, kapsayıcı eğitim reformları, ilerici vergilendirme ve güçlü sosyal koruma ağlarından oluşan çok boyutlu, dengeli ve insan odaklı bir politika setinin hayati önem taşıdığı sonucuna varılmaktadır.

Bu kitap, geçmiş dönüşümlerden çıkarılan dersler ışığında, dijital geleceği şekillendirmeyi hedefleyen politika yapıcılar, akademisyenler ve sektör liderleri başta olmak üzere, dijital dönüşümü analiz etmek isteyen tüm okurlar için, tarihsel süreçlerin sistematik bir analizini yapmayı ve konuya ilişkin kuramsal ile pratik bir çerçeve sunmayı amaçlayan kapsamlı bir kaynak niteliğindedir. Bu çalışmanın temel amacı, teknolojinin yıkıcı rüzgarında savrulmak yerine, onu demokratik, adil ve insani bir gelecek inşa etmek için nasıl yelkenlerimizi doldurabileceğimiz sorusuna yanıt aramaktır.

Dr. Hakan SARAÇ

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