



CERTIFICATE

This certificate is proudly presented to

Baymuradov Shoxrux

This is to certify that the scientific article “**ELEKTRON TIJORATDA MA’LUMOTLAR (BIG DATA) VA SUN’IY INTELLEKT ASOSIDA RAQOBAT USTUNLIGINI OSHIRISH MEXANIZMLARI**” has been published in the journal: «MUHANDISLIK VA IQTISODIYOT», **Vol. 3 No. 11 (2025): «Muhandislik va Iqtisodiyot»** jurnali.

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